

1986 FRUIT TREE CENSUS
Part III

Apples


CASPH
AF
- F16



Ministry of
Agriculture
and Food

ONTARIO

Jack Riddell, Minister
Clay Switzer, Deputy

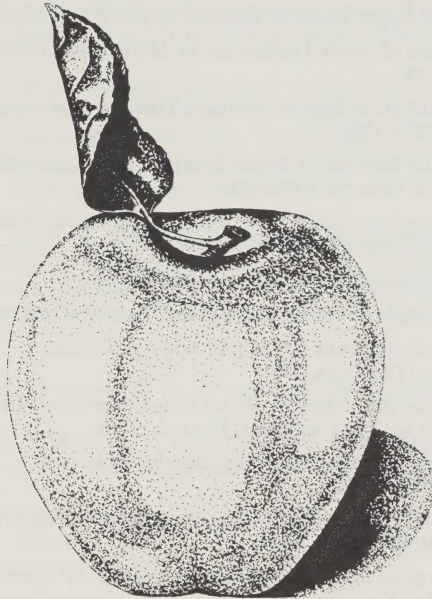


Digitized by the Internet Archive
in 2022 with funding from
University of Toronto

<https://archive.org/details/31761114699382>

1986 FRUIT TREE CENSUS
Part III

Apples



Prepared by
Economics and Policy Coordination Branch
and
Plant Industry Branch

Ontario Ministry of Agriculture and Food
Toronto, Ontario
June, 1987

TABLE OF CONTENTS

	Page
Foreword	3
Map	4
Apple Production	5
Apple Marketing	5
1986 Apple Census Highlights	6

TABULATIONS

Table

1	Apple Production Statistics, Ontario, 1981-1986	5
2	Number of Apple Trees by Rootstock, Ontario, 1976-1986	5
3	Distribution of Apple Production by Marketing Channel, Ontario, 1985	5
4	Number of Farms Reporting Apple Trees by Rootstock, Ontario, 1976-1986	6
5	Number and Percent of Apple Trees on Size-Controlling Rootstocks, Ontario, 1966-1986	7
6	Farms Reporting Apple Trees on Standard Rootstocks by Number of Trees on Farm, Ontario, 1986	9
7	Standard Apple Trees in Ontario, 1966-1986	9
8	Standard Apple Trees by Variety and District, Ontario, 1986	10
9-15	Standard Apple Trees by Variety and Age Group, Ontario and Districts, 1986	10-13
16	Farms Reporting Apple Trees on Size-Controlling Rootstocks by Number of Trees on Farm, Ontario, 1986	14
17	Apple Trees on Size-Controlling Rootstocks, Ontario, 1966-1986	14
18	Apple Trees on Size-Controlling Rootstocks by Variety, and District, Ontario, 1986	15
19	Apple Trees on Size-Controlling Rootstocks by Rootstock and District, Ontario, 1986	15
20	Apple Trees on Size-Controlling Rootstocks by Rootstock and Age Group, Ontario, 1986	16
21	Apple Trees on Size-Controlling Rootstocks by Variety and Rootstock, Ontario, Ontario, 1986	16
22-28	Apple Trees on Size-Controlling Rootstocks by Variety and Age Group, Ontario and Districts, 1986	17-20
29-37	Apple Trees on Size-Controlling Rootstocks by Variety, Age Group, and Density of Planting, by Rootstock, Ontario, 1986	21-23
38-42	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, St. Lawrence District, by Rootstock, 1986	24-26
43-50	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, Eastern Ontario District, by Rootstock, 1986	26-30
51-57	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, Georgian Bay District, by Rootstock, 1986	30-33
58-65	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, Central Ontario District, by Rootstock, 1986	34-37
66-73	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, Niagara District, by Rootstock, 1986	38-41
74-81	Apple Trees on Size-Controlling Rootstocks, by Variety and Age Group, Southwestern Ontario District, by Rootstock, 1986	42-45

FOREWORD

The Fruit Tree and Grape Census is conducted in Ontario every five years through the joint efforts of the Ontario Ministry of Agriculture and Food (OMAF) and the Ontario Tender Fruit Producers' and Grape Growers' Marketing Boards. Data for the Census are collected from all commercial growers by mail questionnaire. Every effort is made by those involved to make this report as complete as possible.

The results of the 1986 Census are being published in three parts and an effort has been made to include as much informative and timely material as possible for the various crops. This publication presents the number of apple trees reported in the Census, while another publication deals with grapes and a third with tender fruit. We trust that growers will find this report of value in deciding future plantings and that industry personnel responsible for making crop forecasts will find this an up-to-date base for predictions.

The 1986 Apple Census was mailed out and collected through the extension horticulturalists of the Plant Industry Branch of OMAF. The Economics and Policy Coordination Branch was responsible for the tabulation of Census schedules and preparation of statistical tables. It is believed that the statistics present a realistic picture of the status of the apple industry in the province.

In this report, reference is made to the 1966 through 1981 Censuses. Wherever possible, the format established in 1966 and followed in later years is followed again in 1986 to facilitate direct comparisons. It should be noted, however that apple varieties are presented in alphabetical order, whereas in the past they have been shown by order of maturity.

For purposes of this Census, the Province is divided into the following six districts:

1. ST. LAWRENCE VALLEY - Counties of Glengarry, Stormont, Dundas, Grenville, Leeds, and the Regional Municipality of Ottawa-Carleton.
2. EASTERN ONTARIO - Counties of Frontenac, Lennox and Addington, Hastings, Prince Edward, Northumberland, Peterborough, Victoria, and the Regional Municipality of Durham.
3. GEORGIAN BAY - Counties of Simcoe, Grey, Bruce, and Dufferin.
4. CENTRAL ONTARIO - Regional Municipalities of York, Peel, Halton, and Hamilton-Wentworth (north of Hwy. 99).
5. NIAGARA - Regional Municipalities of Niagara, Hamilton-Wentworth (south of Hwy. 99), and old Haldimand county.
6. SOUTHWESTERN ONTARIO - Counties of Brant, Oxford, Perth, Wellington, Elgin, Middlesex, Kent, Lambton, Essex, Huron, old Norfolk, and the Regional Municipality of Waterloo.

Appreciation is expressed to the apple growers who took time to accurately complete and return the Census questionnaire. This Census can only be as complete and accurate as the cooperation received from growers.

APPLE PRODUCTION

Apples are the most important and widely grown fruit in Ontario. Bearing apple acreage has increased slightly with 26,198 acres in 1986 compared to 25,871 in 1981. Combined bearing and non-bearing acreage has decreased with 32,286 acres in 1986, compared to 32,882 acres in 1981. Marketed production fluctuated significantly between 1981 and 1986: 1985 produced a bumper crop of 201,389 tons while 1981 was a short crop yielding only 127,400 tons. Marketed production was low in 1981 as a result of a severely cold winter and a late spring frost that damaged trees and buds respectively. The five year average production for 1982 to 1986 was 178,001 tons (Table 1), compared to 153,855 for the 1977 to 1981 period.

TABLE 1 - APPLE PRODUCTION STATISTICS,
ONTARIO, 1981-1986

YEAR	BEARING ACREAGE	MARKETED PRODUCTION	TOTAL FARM VALUE	FARM VALUE
	TONS		\$'000	C/LB
1981	25,871	127,400	36,119	14.2
1982	26,825	179,169	36,232	10.3
1983	25,620	182,241	37,070	10.2
1984	25,603	158,959	37,024	11.7
1985	25,907	201,389	44,250	11.0
1986	26,193	168,245*	n/a	n/a

n/a - FIGURES NOT AVAILABLE AT TIME OF
PRINTING
* - PRELIMINARY

There is no evidence to suggest that size controlling rootstocks have directly increased apple yields per acre. However, the nature of those rootstocks facilitates a more efficient application of farm management practices (ie. fruit thinning, harvesting, pest and disease control), resulting in high quality fruit and a greater level of marketable production.

The total number of apple trees increased 32 percent from 2,751,394 in 1981, to 3,638,345 in 1986 (Table 2). Non-bearing tree numbers increased from 1,038,741 in 1981 to 1,391,504 in 1986, accounting for 38 percent of total trees in both 1981 and

1986. Future production is expected to increase as non-bearing trees come into production.

TABLE 2 - NUMBER OF APPLE TREES BY ROOTSTOCK
ONTARIO, 1976-1986

ROOTSTOCK	1976	1981	1986
- NO. OF TREES -			
STANDARD.....	605,490	531,044	308,322
SIZE-CONTROLLING.	1,254,216	2,220,350	3,330,023
TOTAL.....	1,859,706	2,751,394	3,638,345

MARKETING

The total farm value of the crop has increased from \$36.1 million in 1981 compared to \$44.3 million in 1985 (Table 1). This trend may continue as more trees and acreage come into production over the next few years.

The processing sector accounts for approximately half of the apple crop utilization (Table 3). Of apples sold for processing, generally 80 to 85 percent is used for juice with the balance being utilized for sauce, frozen slices and pie filling. Apples for the fresh market sector are channeled through retail outlets (via packer - 38.2 percent, direct to retailer - 3.2 percent, farmers' markets - 3.1 percent, roadside stands - 3.0 percent, and pick-your-own operations - 2.0 percent).

TABLE 3 - DISTRIBUTION OF APPLE
PRODUCTION BY MARKETING
CHANNEL, ONTARIO, 1985

CHANNEL	TONS	% OF TOTAL
PROCESSING JUICE...	84,583.2	42.0
PACKER.....	76,930.4	38.2
PROCESSING OTHER...	17,118.0	8.5
RETAILER.....	6,444.4	3.2
FARMERS' MARKET....	6,243.0	3.1
PICK YOUR OWN.....	6,041.7	3.0
ROADSIDE.....	4,027.8	2.0
TOTAL.....	201,388.5	100.0

Approximately 75 percent of apple production is consumed domestically. As production levels continue to increase in Ontario and globally, there will be more pressure on finding export markets. During the period from 1982 to 1986, the movement of apples out of Ontario increased to a 5 year average of 13,915 tons per year compared to the 1977 to 1981 5 year average of 10,474 tons. The majority of exports in 1986 were to the U.S. (76 percent), followed by the U.K. (21 percent).

Import pressure on domestic markets is being realized in particular from increased production of U.S. Red Delicious apples from the western states, as well as apples from Chile, France and South Africa. The gain in increased exports of Ontario apples has been outstripped by the growth of imports during the period from 1976 to 1986; the five year average from 1982 to 1986 was 38,031 imported tons per year compared to 33,952 tons per year from 1977 to 1981.

The Ontario Apple Commission represents the entire apple industry in the province. The Commission monitors the industry and establishes prices for Ontario fresh apples to wholesale and retail buyers. The Commission actively promotes Ontario apples, both in the domestic and export markets, and receives financial assistance for its promotional program from the Ontario Ministry of Agriculture and Food (Ontario Foodland Program). These activities become more and more important as the Ontario and world production levels increase.

1986 APPLE CENSUS HIGHLIGHTS

The data are grouped by standard and size-controlling rootstock. Varieties have been grouped where applicable (in alphabetical order) by early and late varieties. In past Censuses, early and late varieties were arranged in sequence of harvest periods. Although the sequencing of varieties within tables has changed, the reader is assured that tables are directly comparable to previous Census data. The following comments provide only some of the highlights from the tables.

ROOTSTOCKS

The switch from standard trees to smaller size-controlling trees is nearly complete. In 1986, 92 percent of total trees were on size-controlling rootstock compared to 81 and 67 percent in 1981 and 1976 respectively (Table 2).

A total of 1,501 commercial growers reported apple trees in the 1986 Census (Table 4). The number of farms reporting standard apple trees declined 35 percent during the period from 1981 to 1986 while farms reporting size-controlling rootstock is estimated to have increased 18 percent during that same period.

TABLE 4 - NUMBER OF FARMS REPORTING APPLE TREES BY ROOTSTOCK, ONTARIO, 1976-1986

ROOTSTOCK	1976	1981	1986

	- NO. OF FARMS -		
STANDARD.....	1,372	1,200	785
SIZE-CONTROLLING	816	1,117	1,313
TOTAL.....	n/a	1,387*	1,501

n/a - NOT AVAILABLE

* - ESTIMATE

M26 was the most popular size-controlling rootstock in 1986 with 38 percent of the total; MM106 accounted for 31 percent (Table 5). Significant increases in rootstock types from the period 1981 to 1986 include MM106 (up 91 percent), MM111 (up 90 percent), M104 (up 83 percent), and M26 (up 45 percent).

Trees on Standard Rootstock

The number of farms reporting standard apple trees decreased from 1,200 in 1981 to 785 in 1986 (Table 6). This corresponds to the continuing decline in the number of standard trees in the province, (down from 531,044 in 1981 to 308,332 in 1986 (Table 7). Of the remaining farms growing apples on standard rootstocks in 1986, the number of trees per farm was down with only 16 percent having more than 600 trees compared to 19 percent in 1981. All districts reported fewer farms with the

TABLE 5 - NUMBER AND PERCENT OF APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS,
ONTARIO, 1966-1986

ROOTSTOCK	TOTAL NUMBER OF TREES					PERCENT OF TOTAL TREES				
	1966	1971	1976	1981	1986	1966	1971	1976	1981	1986
M2.....	68,361	66,046	64,542	66,198	99,725	16.0	8.8	5.1	3.0	3.0
M7.....	142,618	199,355	265,487	347,892	419,989	33.4	26.4	21.2	15.7	12.6
M9.....	101,304	146,282	142,180	198,130	227,768	23.7	19.4	11.3	8.9	6.8
M26.....	0	35,371	297,425	869,231	1,258,788	0.0	4.7	23.7	39.1	37.8
MM104....	4,215	16,933	11,272	14,038	25,698	1.0	2.2	0.9	0.6	0.8
MM106....	29,645	136,329	298,577	545,191	1,043,316	6.9	18.1	23.8	24.6	31.3
MM111....	15,100	33,267	41,319	97,988	186,288	3.5	4.4	3.3	4.4	5.6
OTHER....	65,393	120,677	133,414	81,682	68,451	15.3	16.0	10.6	3.7	2.1
TOTAL....	426,636	754,260	1,254,216	2,220,350	3,330,023	100.0	100.0	100.0	100.0	100.0

exception of the St. Lawrence Valley, and that was likely a result of improved Census coverage.

The majority of standard apple trees is found in the Georgian Bay, Southwestern Ontario and Eastern Ontario districts with 33, 30 and 18 percent of total standard trees respectively in 1986 (Table 8). The proportion of trees in the Georgian Bay district in 1986 remained unchanged from 1981, while the Southwestern Ontario district gained a significantly higher proportion of the total. Nonetheless, the total number of trees declined in all districts.

Trees on Size-Controlling Rootstock

The number of farms reporting size controlling rootstock increased from 1,117 in 1981 to 1,313 in 1986 (Table 16). Farm size increased significantly: the percentage of farms with more than 1,500 trees increased from 29 percent in 1981 to 34 percent in 1986. The distribution of farms reporting size-controlling rootstocks during the period from 1981 to 1986 was

relatively unchanged for Eastern Ontario and Georgian Bay, has increased for the St. Lawrence Valley and Southwestern Ontario, and has decreased for Central Ontario and Niagara.

The majority of apples on size-controlling rootstock is distributed amongst the Southwestern Ontario, Eastern Ontario and Georgian Bay districts, accounting for 42, 20 and 17 percent, respectively in 1986 (Table 18). The regional distribution of trees changed slightly from 1981 to 1986 with the Central and Eastern Ontario districts having a smaller proportion of the provincial total.

M26, MM106, and M7 were the most abundant rootstocks, accounting for a combined total of 82 percent of all size-controlling rootstocks in 1986 (Table 20). In the 1 to 5 year age category, M26 and MM106 rootstocks accounted for 40 and 37 percent of the total.

Perhaps the most important observation from the Census is that 1,371,380 trees (41 percent), on size-controlling rootstock are not yet of bearing age (Table 20).

VARIETIES

Early Varieties

Early varieties account for 3 percent of total standard apple trees. Early McIntosh and Quinte were the most abundant early varieties on standard rootstock in 1986 (Table 7). Of total early varieties on standard rootstock, only 9 percent were in the 1 to 5 year age category (Table 9).

Early varieties account for 6 percent of apple trees on size-controlling rootstock in 1986 (Table 17), of which the most abundant were Paulared (57,483 trees), Jerseymac (43,997 trees), and Vista Bella (29,708 trees). Major increases from 1981 to 1986 occurred with Jerseymac (up 83 percent), Early McIntosh (up 62 percent), and Paulared (up 51 percent). Quinte continues to decline with 16,300 trees in 1986, compared to 29,156 trees in 1981. Vista Bella was reported separately for the first time in the 1986 Census with 29,708 trees on size-controlling rootstock.

Of total early varieties on size-controlling rootstock 44 percent were in the 1 to 5 year age category (Table 22), compared to 49 percent 1981. In 1986, Paulared, Jerseymac and Vista Bella were the most abundant trees in that age category with 31, 28 and 15 percent respectively of total 1 to 5 year old trees. Of total trees for Jerseymac, Paulared, Early McIntosh and Vista Bella varieties, 58, 48, 47 and 45 percent were in the 1 to 5 year age category.

Late Varieties

Late varieties accounted for 3,422,537 trees in 1986 (Tables 7 and 17), up 36 percent from 2,523,996 trees in 1981, of which size-controlling and standard rootstocks accounted for 3,123,904 and 298,633 trees respectively in 1986.

On standard rootstock, the most abundant late varieties were McIntosh, Northern Spy and Red Delicious with 148,706, 66,021 and 39,878 trees in 1986 (Table 7). All late

varieties on standard rootstock, which were reported as separate varieties in 1981, showed decreases in numbers of trees, the most significant being: Golden Russet (down 60 percent), Red Delicious (down 56 percent), and Golden Delicious (down 49 percent).

Of total late varieties on standard rootstock in 1986, 6 percent were in the 1 to 5 year age category compared to 8 percent in the 1 to 7 year age category in 1981. In 1986, R.I. Greening, McIntosh and Red Delicious were the most abundant varieties in the 1 to 5 year age group representing 29, 21 and 20 percent of trees, respectively. It is interesting to note that 54 percent of total R.I. Greening trees on standard rootstock were in the 1 to 5 year age group.

The most abundant late varieties on size-controlling rootstock in 1986 were McIntosh, Red Delicious, Idared and Empire with 887,576, 710,989, 382,009 and 272,606 trees, respectively (Table 17). Major increases in varietal abundance from 1981 to 1986 occurred with all late varieties on size-controlling rootstocks, the most significant include: Empire (up 133 percent), Mutsu (up 92 percent), Golden Delicious (up 85 percent), McIntosh (up 70 percent), and Cortland (up 62 percent). In 1986, McIntosh replaced Red Delicious as the most abundant late variety on size-controlling rootstock, and Empire replaced Northern Spy as the 4th most abundant.

In 1986, 1,281,334 late varieties on size-controlling rootstock (41 percent), were in the 1 to 5 year age category (Table 22), compared to 895,317 trees (44 percent), in 1981. The most abundant varieties in that age category were McIntosh (30 percent), Red Delicious (17 percent), Empire (13 percent), Idared (13 percent), and Golden Delicious (7 percent). It is interesting to note that of the late varieties on size-controlling rootstock, 62 percent of Empire and 54 percent of Mutsu trees were in the 1 to 5 year age group.

APPLES ON STANDARD ROOTSTOCKS, 1986, TABLES 6 TO 15

TABLE 6 - FARMS REPORTING APPLE TREES ON STANDARD ROOTSTOCKS BY NUMBER OF TREES ON FARM, ONTARIO, 1986

NO. OF TREES	ST. LAWRENCE VALLEY	EASTERN ONTARIO	GEORGIAN BAY	CENTRAL ONTARIO	NIAGARA	SOUTH- WESTERN ONTARIO	TOTAL	FARMS AS % OF TOTAL
1-30.....	6	11	15	15	131	47	225	28.66
31-150.....	7	36	25	14	64	58	204	25.99
151-300.....	4	26	25	6	12	34	107	13.63
301-600.....	5	45	20	15	3	37	125	15.92
601-1,500.....	4	11	30	6	6	25	82	10.45
1,501-3,000.....	1	7	12	3	3	4	30	3.82
3,001-4,500.....	0	1	4	0	0	3	8	1.02
4,501 AND OVER..	0	0	2	0	1	1	4	0.51
TOTAL FARMS.....	27	137	133	59	220	209	785	100.00
FARMS AS % OF TOTAL.....	3.44	17.45	16.94	7.52	28.03	26.62	100.00	

TABLE 7 - STANDARD APPLE TREES IN ONTARIO, 1966-1986

VARIETY	1966	1971	1976	1981	1986	1986 AS % OF 1981
EARLY MCINTOSH.....	9,544	13,332	9,515	6,371	2,714	42.60
JERSEYMAC.....	*	*	*	784	181	23.09
PAULARED.....	*	*	*	709	928	130.89
QUINTE.....	1,664	5,488	5,511	4,168	1,677	40.24
VISTA BELLA.....	*	*	*	*	119	*
OTHER EARLY VARIETIES..	n/a	n/a	n/a	15,652	4,080	26.07
TOTAL EARLY VARIETIES..	n/a	n/a	n/a	27,684	9,699	35.03
CORTLAND.....	24,735	22,190	17,905	16,096	9,242	57.42
GOLDEN DELICIOUS.....	10,508	11,422	11,037	10,340	5,231	50.59
GOLDEN RUSSET.....	3,724	5,620	3,784	3,364	1,329	39.51
EMPIRE.....	*	*	*	*	838	*
IDARED.....	*	*	*	*	7,620	*
MCINTOSH.....	294,853	288,030	242,373	211,670	148,706	70.25
MUTSU.....	*	*	*	*	2,901	*
NORTHERN SPY.....	157,212	142,190	119,661	107,739	66,021	61.28
RED DELICIOUS.....	85,485	97,296	93,094	90,981	39,878	43.83
R.I.GREENING.....	24,181	22,695	16,546	12,259	10,241	83.54
SPARTAN.....	*	*	*	*	923	*
OTHER LATE VARIETIES...	136,886	117,921	86,064	50,911	5,703	**
TOTAL LATE VARIETIES...	n/a	n/a	n/a	503,360	298,633	59.33
TOTAL.....	748,792	726,184	605,490	531,044	308,332	58.06

n/a - Not available; prior to 1981, OTHER VARIETIES were not grouped into EARLY and LATE categories. For 1966 to 1976, the total number of OTHER VARIETIES is included in OTHER LATE VARIETIES

* - Included in OTHER category

** - 1981-1986 comparison invalid for OTHER LATE VARIETIES due to separate listing for some 1986 varieties above

TABLE 8 - STANDARD APPLE TREES BY VARIETY AND DISTRICT, ONTARIO, 1986

VARIETY	ST. LAWRENCE VALLEY	EASTERN ONTARIO	GEORGIAN BAY	CENTRAL ONTARIO	NIAGARA	SOUTH- WESTERN ONTARIO	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	10	516	771	206	561	650	2,714	0.88
JERSEYMAC.....	32	37	0	40	22	50	181	0.06
PAULARED.....	39	404	350	100	29	6	928	0.30
QUINTE.....	115	1,157	222	0	42	141	1,677	0.54
VISTA BELLA.....	61	3	10	8	35	2	119	0.04
OTHER EARLY VARIETIES	513	345	829	1,005	278	1,110	4,080	1.32
TOTAL EARLY VARIETIES	770	2,462	2,182	1,359	967	1,959	9,699	3.15
CORTLAND.....	951	1,302	2,079	1,100	931	2,879	9,242	3.00
GOLDEN DELICIOUS.....	110	92	26	540	1,460	3,003	5,231	1.70
GOLDEN RUSSET.....	59	523	36	175	77	459	1,329	0.43
EMPIRE.....	10	40	48	0	128	612	838	0.27
IDARED.....	80	166	4,618	612	1,321	823	7,620	2.47
MCINTOSH.....	5,968	34,603	52,548	9,221	4,993	41,373	148,706	48.23
MUTSU.....	0	3	0	1,046	1,196	656	2,901	0.94
NORTHERN SPY.....	431	9,614	30,611	3,022	4,531	17,812	66,021	21.41
RED DELICIOUS.....	347	5,117	7,517	2,423	4,577	19,897	39,878	12.93
R.I.GREENING.....	37	1,438	759	54	5,951	2,002	10,241	3.32
SPARTAN.....	133	106	279	21	199	185	923	0.30
OTHER LATE VARIETIES.	114	1,354	868	187	1,004	2,176	5,703	1.85
TOTAL LATE VARIETIES.	8,240	54,358	99,389	18,401	26,368	91,877	298,633	96.85
TOTAL.....	9,010	56,820	101,571	19,760	27,335	93,836	308,332	100.00
DISTRICT AS % OF TOTAL.....	2.92	18.43	32.94	6.41	8.87	30.43	100.00	

TABLE 9 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, ONTARIO, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	335	140	628	919	692	2,714	0.88
JERSEYMAC.....	68	71	40	2	0	181	0.06
PAULARED.....	283	381	256	8	0	928	0.30
QUINTE.....	50	131	1,376	90	30	1,677	0.54
VISTA BELLA.....	44	74	0	1	0	119	0.04
OTHER EARLY VARIETIES.	85	64	804	1,589	1,538	4,080	1.32
TOTAL EARLY VARIETIES.	865	861	3,104	2,609	2,260	9,699	3.15
CORTLAND.....	601	328	445	1,777	6,091	9,242	3.00
GOLDEN DELICIOUS.....	924	846	466	1,349	1,646	5,231	1.70
GOLDEN RUSSET.....	66	67	260	393	543	1,329	0.43
EMPIRE.....	255	501	0	52	30	838	0.27
IDARED.....	1,328	3,666	1,569	1,022	35	7,620	2.47
MCINTOSH.....	4,001	12,510	13,134	43,453	75,608	148,706	48.23
MUTSU.....	965	158	6	659	1,113	2,901	0.94
NORTHERN SPY.....	1,454	523	4,866	16,552	42,626	66,021	21.41
RED DELICIOUS.....	3,780	3,696	9,542	11,353	11,507	39,878	12.93
R.I.GREENING.....	5,578	38	1,117	1,093	2,415	10,241	3.32
SPARTAN.....	101	209	181	414	18	923	0.30
OTHER LATE VARIETIES..	206	1	222	2,029	3,245	5,703	1.85
TOTAL LATE VARIETIES..	19,259	22,543	31,808	80,146	144,877	298,633	96.85
TOTAL.....	20,124	23,404	34,912	82,755	147,137	308,332	100.00
AGE GROUP AS % OF TOTAL.....	6.53	7.59	11.32	26.84	47.72	100.00	

TABLE 10 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	0	0	0	0	10	10	0.11
JERSEYMAC.....	32	0	0	0	0	32	0.36
PAULARED.....	25	6	0	8	0	39	0.43
QUINTE.....	25	0	70	20	0	115	1.28
VISTA BELLA.....	25	36	0	0	0	61	0.68
OTHER EARLY VARIETIES..	0	36	1	38	438	513	5.69
TOTAL EARLY VARIETIES..	107	78	71	66	448	770	8.55
CORTLAND.....	200	41	140	210	360	951	10.55
GOLDEN DELICIOUS.....	0	0	0	110	0	110	1.22
GOLDEN RUSSET.....	0	6	0	43	10	59	0.65
EMPIRE.....	10	0	0	0	0	10	0.11
IDARED.....	80	0	0	0	0	80	0.89
MCINTOSH.....	458	60	436	1,492	3,522	5,968	66.24
NORTHERN SPY.....	0	1	0	250	180	431	4.78
RED DELICIOUS.....	2	0	0	265	80	347	3.85
R.I.GREENING.....	0	0	0	27	10	37	0.41
SPARTAN.....	6	0	78	49	0	133	1.48
OTHER LATE VARIETIES..	0	0	0	20	94	114	1.27
TOTAL LATE VARIETIES..	756	108	654	2,466	4,256	8,240	91.45
TOTAL.....	863	186	725	2,532	4,704	9,010	100.00
AGE GROUP AS % OF TOTAL.....	9.58	2.06	8.05	28.10	52.21	100.00	

TABLE 11 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	15	2	0	475	24	516	0.91
JERSEYMAC.....	26	11	0	0	0	37	0.07
PAULARED.....	154	250	0	0	0	404	0.71
QUINTE.....	15	34	1,061	47	0	1,157	2.04
VISTA BELLA.....	3	0	0	0	0	3	0.01
OTHER EARLY VARIETIES..	0	10	56	176	103	345	0.61
TOTAL EARLY VARIETIES..	213	307	1,117	698	127	2,462	4.33
CORTLAND.....	20	105	56	340	781	1,302	2.29
GOLDEN DELICIOUS.....	21	0	43	6	22	92	0.16
GOLDEN RUSSET.....	11	0	239	53	220	523	0.92
EMPIRE.....	40	0	0	0	0	40	0.07
IDARED.....	42	110	5	9	0	166	0.29
MCINTOSH.....	704	1,011	1,914	7,846	23,128	34,603	60.90
MUTSU.....	1	0	2	0	0	3	0.01
NORTHERN SPY.....	44	154	1,376	2,383	5,657	9,614	16.92
RED DELICIOUS.....	38	398	1,055	2,338	1,288	5,117	9.01
R.I.GREENING.....	1	10	861	496	70	1,438	2.53
SPARTAN.....	28	11	50	15	2	106	0.19
OTHER LATE VARIETIES..	22	0	200	134	998	1,354	2.38
TOTAL LATE VARIETIES..	972	1,799	5,801	13,620	32,166	54,358	95.67
TOTAL.....	1,185	2,106	6,918	14,318	32,293	56,820	100.00
AGE GROUP AS % OF TOTAL.....	2.09	3.71	12.18	25.20	56.83	100.00	

TABLE 12 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	14	3	530	111	113	771	0.76
PAULARED.....	0	100	250	0	0	350	0.34
QUINTE.....	5	29	171	17	0	222	0.22
VISTA BELLA.....	0	10	0	0	0	10	0.01
OTHER EARLY VARIETIES..	0	8	150	530	141	829	0.82
TOTAL EARLY VARIETIES..	19	150	1,101	658	254	2,182	2.15
CORTLAND.....	256	14	30	549	1,230	2,079	2.05
GOLDEN DELICIOUS.....	13	0	4	2	7	26	0.03
GOLDEN RUSSET.....	17	1	10	6	2	36	0.04
EMPIRE.....	48	0	0	0	0	48	0.05
IDARED.....	828	2,260	1,530	0	0	4,618	4.55
MCINTOSH.....	227	195	10,140	21,474	20,512	52,548	51.74
NORTHERN SPY.....	153	13	2,977	9,743	17,725	30,611	30.14
RED DELICIOUS.....	11	9	1,449	3,873	2,175	7,517	7.40
R.I.GREENING.....	0	0	247	447	65	759	0.75
SPARTAN.....	0	0	37	242	0	279	0.27
OTHER LATE VARIETIES..	12	0	20	691	145	868	0.85
TOTAL LATE VARIETIES..	1,565	2,492	16,444	37,027	41,861	99,389	97.85
TOTAL.....	1,584	2,642	17,545	37,685	42,115	101,571	100.00
AGE GROUP AS % OF TOTAL.....	1.56	2.60	17.27	37.10	41.46	100.00	

TABLE 13 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	15	70	55	11	55	206	1.04
JERSEYMAC.....	0	0	40	0	0	40	0.20
PAULARED.....	100	0	0	0	0	100	0.51
VISTA BELLA.....	8	0	0	0	0	8	0.04
OTHER EARLY VARIETIES..	83	0	0	551	371	1,005	5.09
TOTAL EARLY VARIETIES..	206	70	95	562	426	1,359	6.88
CORTLAND.....	20	13	50	189	828	1,100	5.57
GOLDEN DELICIOUS.....	332	25	2	46	135	540	2.73
GOLDEN RUSSET.....	12	29	10	122	2	175	0.89
IDARED.....	1	611	0	0	0	612	3.10
MCINTOSH.....	165	20	115	3,975	4,946	9,221	46.66
MUTSU.....	610	0	0	400	36	1,046	5.29
NORTHERN SPY.....	25	25	116	976	1,880	3,022	15.29
RED DELICIOUS.....	495	20	48	999	861	2,423	12.26
R.I.GREENING.....	15	15	0	3	21	54	0.27
SPARTAN.....	0	17	4	0	0	21	0.11
OTHER LATE VARIETIES..	0	0	0	51	136	187	0.95
TOTAL LATE VARIETIES..	1,675	775	345	6,761	8,845	18,401	93.12
TOTAL.....	1,881	845	440	7,323	9,271	19,760	100.00
AGE GROUP AS % OF TOTAL.....	9.52	4.28	2.23	37.06	46.92	100.00	

TABLE 14 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	117	63	18	221	142	561	2.05
JERSEYMAC.....	10	10	0	2	0	22	0.08
PAULARED.....	4	25	0	0	0	29	0.11
QUINTE.....	0	7	5	0	30	42	0.15
VISTA BELLA.....	7	28	0	0	0	35	0.13
OTHER EARLY VARIETIES..	1	0	20	64	193	278	1.02
TOTAL EARLY VARIETIES..	139	133	43	287	365	967	3.54
CORTLAND.....	60	41	112	178	540	931	3.41
GOLDEN DELICIOUS.....	451	560	230	178	41	1,460	5.34
GOLDEN RUSSET.....	15	28	0	24	10	77	0.28
EMPIRE.....	81	47	0	0	0	128	0.47
IDARED.....	318	449	34	520	0	1,321	4.83
MCINTOSH.....	870	276	178	976	2,693	4,993	18.27
MUTSU.....	280	7	0	209	700	1,196	4.38
NORTHERN SPY.....	137	216	358	896	2,924	4,531	16.58
RED DELICIOUS.....	2,079	529	299	776	894	4,577	16.74
R.I.GREENING.....	5,452	13	9	19	458	5,951	21.77
SPARTAN.....	23	62	0	108	6	199	0.73
OTHER LATE VARIETIES..	0	1	0	26	977	1,004	3.67
TOTAL LATE VARIETIES..	9,766	2,229	1,220	3,910	9,243	26,368	96.46
TOTAL.....	9,905	2,362	1,263	4,197	9,608	27,335	100.00
AGE GROUP AS % OF TOTAL.....	36.24	8.64	4.62	15.35	35.15	100.00	

TABLE 15 - STANDARD APPLE TREES BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	174	2	25	101	348	650	0.69
JERSEYMAC.....	0	50	0	0	0	50	0.05
PAULARED.....	0	0	6	0	0	6	0.01
QUINTE.....	5	61	69	6	0	141	0.15
VISTA BELLA.....	1	0	0	1	0	2	0.00
OTHER EARLY VARIETIES..	1	10	577	230	292	1,110	1.18
TOTAL EARLY VARIETIES..	181	123	677	338	640	1,959	2.09
CORTLAND.....	45	114	57	311	2,352	2,879	3.07
GOLDEN DELICIOUS.....	107	261	187	1,007	1,441	3,003	3.20
GOLDEN RUSSET.....	11	3	1	145	299	459	0.49
EMPIRE.....	76	454	0	52	30	612	0.65
IDARED.....	59	236	0	493	35	823	0.88
MCINTOSH.....	1,577	10,948	351	7,690	20,807	41,373	44.09
MUTSU.....	74	151	4	50	377	656	0.70
NORTHERN SPY.....	1,095	114	39	2,304	14,260	17,812	18.98
RED DELICIOUS.....	1,155	2,740	6,691	3,102	6,209	19,897	21.20
R.I.GREENING.....	110	0	0	101	1,791	2,002	2.13
SPARTAN.....	44	119	12	0	10	185	0.20
OTHER LATE VARIETIES..	172	0	2	1,107	895	2,176	2.32
TOTAL LATE VARIETIES..	4,525	15,140	7,344	16,362	48,506	91,877	97.91
TOTAL.....	4,706	15,263	8,021	16,700	49,146	93,836	100.00
AGE GROUP AS % OF TOTAL.....	5.02	16.27	8.55	17.80	52.37	100.00	

APPLES ON SIZE-CONTROLLING ROOTSTOCKS, 1986, TABLES 16 TO 81

TABLE 16 - FARMS REPORTING APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY NUMBER OF TREES ON FARM, ONTARIO, 1986

NO. OF TREES	ST. LAWRENCE EASTERN GEORGIAN CENTRAL					SOUTH-WESTERN		FARMS AS % OF	
	VALLEY	ONTARIO	BAY	ONTARIO	NIAGARA	ONTARIO	TOTAL	TOTAL	
1-30.....	6	17	8	13	78	51	173	13.18	
31-150.....	6	21	19	10	77	41	174	13.25	
151-300.....	5	18	16	6	48	25	118	8.99	
301-600.....	1	29	21	13	45	53	162	12.34	
601-1,500.....	7	44	37	12	44	91	235	17.90	
1,501-3,000.....	9	30	31	12	24	70	176	13.40	
3,001-4,500.....	1	16	14	6	13	44	94	7.16	
4,501-OVER.....	4	42	30	18	15	72	181	13.79	
TOTAL.....	39	217	176	90	344	447	1,313	100.00	
NO. OF FARMS IN EACH DISTRICT AS % OF TOTAL.....									
	2.97	16.53	13.40	6.85	26.20	34.04	100.00		

TABLE 17 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS, ONTARIO, 1966-1986

VARIETY	1966	1971	1976	1981	1986	1986 AS %
						OF 1981
EARLY MCINTOSH.....	10,307	11,575	14,322	15,955	25,802	161.72
JERSEYMAC.....	*	*	*	23,999	43,997	183.33
PAULARED.....	*	*	*	38,025	57,483	151.17
QUINTE.....	*	*	*	29,156	16,300	55.91
VISTA BELLA.....	*	*	*	*	29,708	*
OTHER EARLY VARIETIES..	*	*	*	92,579	32,829	35.46
TOTAL EARLY VARIETIES..	*	*	*	199,714	206,119	103.21
CORTLAND.....	6,570	11,037	19,251	42,369	68,782	162.34
GOLDEN DELICIOUS.....	33,891	50,015	71,383	106,010	195,611	184.52
GOLDEN RUSSET.....	*	*	*	19,094	26,703	139.85
EMPIRE.....	*	*	30,887	116,902	272,606	233.19
IDARED.....	*	*	84,182	244,765	382,009	156.07
MCINTOSH.....	145,646	229,960	314,528	522,162	887,576	169.98
MUTSU.....	*	*	*	55,592	106,972	192.42
NORTHERN SPY.....	57,421	81,651	115,202	190,648	254,163	133.32
RED DELICIOUS.....	103,166	218,877	349,636	543,467	710,989	130.82
R.I. GREENING.....	*	*	*	*	12,224	*
SPARTAN.....	*	*	72,766	131,687	146,479	111.23
OTHER LATE VARIETIES...	69,635	151,145	182,059	47,940	59,790	124.72
TOTAL LATE VARIETIES...	416,329	742,685	1,239,894	2,020,636	3,123,904	154.60
TOTAL.....	426,636	754,260	1,254,216	2,220,350	3,330,023	149.98

TABLE 18 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND DISTRICT,
ONTARIO, 1986

VARIETY	ST. LAWRENCE VALLEY	EASTERN ONTARIO	GEORGIAN BAY	CENTRAL ONTARIO	NIAGARA	SOUTH- WESTERN ONTARIO	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	601	3,989	2,092	774	4,714	13,632	25,802	0.77
JERSEYMAC.....	1,837	6,875	20,167	2,017	3,930	9,171	43,997	1.32
PAULARED.....	2,852	21,959	5,090	2,727	7,118	17,737	57,483	1.73
QUINTE.....	483	1,058	3,657	1,772	4,082	5,248	16,300	0.49
VISTA BELLA.....	1,718	5,843	2,658	2,167	3,656	13,666	29,708	0.89
OTHER EARLY VARIETIES	1,420	6,239	2,764	5,032	5,315	12,059	32,829	0.99
TOTAL EARLY VARIETIES	8,911	45,963	36,428	14,489	28,815	71,513	206,119	6.19
CORTLAND.....	4,598	14,397	9,509	11,959	12,189	16,130	68,782	2.07
GOLDEN DELICIOUS.....	157	5,428	6,733	17,175	41,031	125,087	195,611	5.87
GOLDEN RUSSET.....	534	6,086	1,670	3,009	9,017	6,387	26,703	0.80
EMPIRE.....	9,035	65,685	17,291	10,662	22,735	147,198	272,606	8.19
IDARED.....	4,345	71,257	52,805	13,811	34,368	205,423	382,009	11.47
MCINTOSH.....	50,385	209,868	214,450	57,708	62,861	292,304	887,576	26.65
MUTSU.....	64	6,416	1,838	11,556	26,581	60,517	106,972	3.21
NORTHERN SPY.....	606	41,629	99,941	13,646	34,180	64,161	254,163	7.63
RED DELICIOUS.....	1,212	126,617	75,468	42,429	112,520	352,743	710,989	21.35
R.I. GREENING.....	90	798	1,622	1,088	5,807	2,819	12,224	0.37
SPARTAN.....	7,597	44,313	31,886	10,347	17,125	35,211	146,479	4.40
OTHER LATE VARIETIES.	2,617	16,328	7,081	3,094	4,907	25,763	59,790	1.80
TOTAL LATE VARIETIES.	81,240	608,822	520,294	196,484	383,321	1,333,743	3,123,904	93.81
TOTAL.....	90,151	654,785	556,722	210,973	412,136	1,405,256	3,330,023	100.00
DISTRICT AS % OF TOTAL.....	2.71	19.66	16.72	6.34	12.38	42.20	100.00	

TABLE 19 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY ROOTSTOCK AND DISTRICT,
ONTARIO, 1986

ROOTSTOCK	ST. LAWRENCE VALLEY	EASTERN ONTARIO	GEORGIAN BAY	CENTRAL ONTARIO	NIAGARA	SOUTH- WESTERN ONTARIO	TOTAL	ROOTSTOCK AS % OF TOTAL
M2.....	73	8,537	28,677	13,118	22,849	26,471	99,725	2.99
M7.....	2,302	56,805	56,683	61,827	61,598	180,774	419,989	12.61
M9.....	30	22,842	9,488	31,989	26,072	137,347	227,768	6.84
M26.....	24,983	340,722	171,971	62,806	207,900	450,406	1,258,788	37.80
MM104.....	9,000	3,376	1,349	1,001	2,495	8,477	25,698	0.77
MM106.....	7,944	180,681	237,798	27,222	72,989	516,682	1,043,316	31.33
MM111.....	45,008	26,060	28,039	7,595	10,222	69,364	186,288	5.59
OTHER.....	811	15,762	22,717	5,415	8,011	15,735	68,451	2.06
TOTAL.....	90,151	654,785	556,722	210,973	412,136	1,405,256	3,330,023	100.00
DISTRICT AS % OF TOTAL..	2.71	19.66	16.72	6.34	12.38	42.20	100.00	

TABLE 20 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY ROOTSTOCK AND AGE GROUP, ONTARIO, 1986

ROOTSTOCK	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	ROOTSTOCK AS % OF TOTAL
							TOTAL
M2.....	15,378	3,509	21,323	53,002	6,513	99,725	2.99
M7.....	115,136	71,279	91,678	135,098	6,798	419,989	12.61
M9.....	74,423	64,942	41,476	45,482	1,445	227,768	6.84
M26.....	545,768	522,723	162,520	25,393	2,384	1,258,788	37.80
MM104.....	2,621	3,141	2,962	11,746	5,228	25,698	0.77
MM106.....	510,455	215,149	219,581	92,672	5,459	1,043,316	31.33
MM111.....	90,670	49,277	29,525	15,026	1,790	186,288	5.59
OTHER.....	16,929	12,743	15,020	18,126	5,633	68,451	2.06
TOTAL.....	1,371,380	942,763	584,085	396,545	35,250	3,330,023	100.00
AGE GROUP AS % OF TOTAL....	41.18	28.31	17.54	11.91	1.06	100.00	

TABLE 21 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND ROOTSTOCK, ONTARIO, 1986

VARIETY	M2	M7	M9	M26	MM104	MM106	MM111	OTHER	TOTAL	VARIETY AS % OF TOTAL
										TOTAL
EARLY MCINTOSH.....	665	3,365	1,199	6,606	113	12,867	631	356	25,802	0.77
JERSEYMAC.....	225	4,192	672	20,079	96	16,949	1,784	0	43,997	1.32
PAULARED.....	728	6,939	776	26,702	305	17,162	4,810	61	57,483	1.73
QUINTE.....	273	3,143	493	4,965	182	5,512	1,141	591	16,300	0.49
VISTA BELLA.....	405	1,927	1,957	19,287	125	5,007	923	77	29,708	0.89
OTHER EARLY VARIETIES	1,248	4,125	3,095	9,170	375	4,564	394	9,858	32,829	0.99
TOTAL EARLY VARIETIES	3,544	23,691	8,192	86,809	1,196	62,061	9,683	10,943	206,119	6.19
CORTLAND.....	3,895	9,192	5,527	34,814	94	11,518	3,149	593	68,782	2.07
GOLDEN DELICIOUS.....	5,238	32,263	22,899	69,790	826	51,743	10,789	2,063	195,611	5.87
GOLDEN RUSSET.....	457	2,971	1,578	12,137	181	8,094	1,044	241	26,703	0.80
EMPIRE.....	366	28,635	16,211	126,949	738	84,018	13,560	2,129	272,606	8.19
IDARED.....	8,568	40,544	14,388	129,325	3,267	152,892	32,061	964	382,009	11.47
MCINTOSH.....	35,575	116,942	57,695	286,997	11,540	311,486	57,070	10,271	887,576	26.65
MUTSU.....	2,110	18,682	5,306	56,063	270	20,541	3,253	747	106,972	3.21
NORTHERN SPY.....	17,798	36,304	20,540	110,283	786	60,332	4,839	3,281	254,163	7.63
RED DELICIOUS.....	17,479	88,919	64,501	252,862	6,541	222,526	41,028	17,133	710,989	21.35
R.I. GREENING.....	1,370	2,046	189	3,353	0	3,378	171	1,717	12,224	0.37
SPARTAN.....	1,509	14,138	10,310	73,041	207	40,185	5,039	2,050	146,479	4.40
OTHER LATE VARIETIES.	1,816	5,662	432	16,365	52	14,542	4,602	16,319	59,790	1.80
TOTAL LATE VARIETIES.	96,181	396,298	219,576	1,171,979	24,502	981,255	176,605	57,508	3,123,904	93.81
TOTAL.....	99,725	419,989	227,768	1,258,788	25,698	1,043,316	186,288	68,451	3,330,023	100.00
ROOTSTOCK AS % OF TOTAL.....	2.99	12.61	6.84	37.80	0.77	31.33	5.59	2.06	100.00	

TABLE 22 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
ONTARIO, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	12,170	5,752	3,623	4,114	143	25,802	0.77
JERSEYMAC.....	25,429	16,124	2,104	320	20	43,997	1.32
PAULARED.....	27,700	23,070	5,755	912	46	57,483	1.73
QUINTE.....	1,680	2,980	7,481	4,159	0	16,300	0.49
VISTA BELLA.....	13,371	12,236	3,348	718	35	29,708	0.89
OTHER EARLY VARIETIES	9,696	7,756	7,002	7,407	968	32,829	0.99
TOTAL EARLY VARIETIES	90,046	67,918	29,313	17,630	1,212	206,119	6.19
CORTLAND.....	30,370	23,704	7,245	6,616	847	68,782	2.07
GOLDEN DELICIOUS.....	92,069	45,868	29,769	26,860	1,045	195,611	5.87
GOLDEN RUSSET.....	8,731	8,395	6,214	2,888	475	26,703	0.80
EMPIRE.....	168,896	82,704	19,484	1,394	128	272,606	8.19
IDARED.....	165,784	146,520	55,860	13,587	258	382,009	11.47
MCINTOSH.....	387,927	204,847	135,514	141,168	18,120	887,576	26.65
MUTSU.....	57,970	31,850	9,573	7,457	122	106,972	3.21
NORTHERN SPY.....	73,400	72,213	51,216	52,236	5,098	254,163	7.63
RED DELICIOUS.....	222,575	194,250	187,439	101,976	4,749	710,989	21.35
R.I. GREENING.....	2,232	1,833	4,480	3,132	547	12,224	0.37
SPARTAN.....	41,443	49,916	41,785	13,102	233	146,479	4.40
OTHER LATE VARIETIES.	29,937	12,745	6,193	8,499	2,416	59,790	1.80
TOTAL LATE VARIETIES.	1,281,334	874,845	554,772	378,915	34,038	3,123,904	93.81
TOTAL.....	1,371,380	942,763	584,085	396,545	35,250	3,330,023	100.00
AGE GROUP AS % OF TOTAL.....	41.18	28.31	17.54	11.91	1.06	100.00	

TABLE 23 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
ST.LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	531	50	0	20	0	601	0.67
JERSEYMAC.....	1,473	364	0	0	0	1,837	2.04
PAULARED.....	2,670	182	0	0	0	2,852	3.16
QUINTE.....	353	100	30	0	0	483	0.54
VISTA BELLA.....	1,005	113	0	600	0	1,718	1.91
OTHER EARLY VARIETIES	668	316	110	262	64	1,420	1.58
TOTAL EARLY VARIETIES	6,700	1,125	140	882	64	8,911	9.88
CORTLAND.....	2,261	1,277	930	130	0	4,598	5.10
GOLDEN DELICIOUS.....	37	10	110	0	0	157	0.17
GOLDEN RUSSET.....	299	165	50	20	0	534	0.59
EMPIRE.....	7,115	1,920	0	0	0	9,035	10.02
IDARED.....	3,155	1,115	50	25	0	4,345	4.82
MCINTOSH.....	32,090	8,172	343	4,780	5,000	50,385	55.89
MUTSU.....	24	40	0	0	0	64	0.07
NORTHERN SPY.....	158	131	0	317	0	606	0.67
RED DELICIOUS.....	754	358	100	0	0	1,212	1.34
R.I. GREENING.....	40	50	0	0	0	90	0.10
SPARTAN.....	4,277	2,960	150	150	60	7,597	8.43
OTHER LATE VARIETIES.	1,610	670	58	206	73	2,617	2.90
TOTAL LATE VARIETIES.	51,820	16,868	1,791	5,628	5,133	81,240	90.12
TOTAL.....	58,520	17,993	1,931	6,510	5,197	90,151	100.00
AGE GROUP AS % OF TOTAL.....	64.91	19.96	2.14	7.22	5.76	100.00	

TABLE 24 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	944	1,811	181	1,009	44	3,989	0.61
JERSEYMAC.....	3,986	2,504	385	0	0	6,875	1.05
PAULARED.....	9,987	11,463	509	0	0	21,959	3.35
QUINTE.....	165	422	446	25	0	1,058	0.16
VISTA BELLA.....	2,355	3,188	300	0	0	5,843	0.89
OTHER EARLY VARIETIES	934	2,377	1,557	1,182	189	6,239	0.95
TOTAL EARLY VARIETIES	18,371	21,765	3,378	2,216	233	45,963	7.02
CORTLAND.....	7,397	5,484	1,061	141	314	14,397	2.20
GOLDEN DELICIOUS.....	2,392	2,112	609	315	0	5,428	0.83
GOLDEN RUSSET.....	1,855	2,281	1,715	151	84	6,086	0.93
EMPIRE.....	40,551	19,816	5,310	0	8	65,685	10.03
IDARED.....	23,565	39,110	7,641	941	0	71,257	10.88
MCINTOSH.....	96,626	56,942	32,432	21,518	2,350	209,868	32.05
MUTSU.....	3,539	2,172	630	0	75	6,416	0.98
NORTHERN SPY.....	19,138	11,805	7,872	1,288	1,526	41,629	6.36
RED DELICIOUS.....	45,200	41,371	30,121	9,487	438	126,617	19.34
R.I. GREENING.....	60	256	190	116	176	798	0.12
SPARTAN.....	11,822	20,778	10,444	1,251	18	44,313	6.77
OTHER LATE VARIETIES.	9,004	4,354	581	1,907	482	16,328	2.49
TOTAL LATE VARIETIES.	261,149	206,481	98,606	37,115	5,471	608,822	92.98
TOTAL.....	279,520	228,246	101,984	39,331	5,704	654,785	100.00
AGE GROUP AS % OF TOTAL.....	42.69	34.86	15.58	6.01	0.87	100.00	

TABLE 25 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	483	414	493	702	0	2,092	0.38
JERSEYMAC.....	12,247	7,645	275	0	0	20,167	3.62
PAULARED.....	4,020	870	200	0	0	5,090	0.91
QUINTE.....	263	606	1,723	1,065	0	3,657	0.66
VISTA BELLA.....	2,028	605	25	0	0	2,658	0.48
OTHER EARLY VARIETIES	684	393	386	1,199	102	2,764	0.50
TOTAL EARLY VARIETIES	19,725	10,533	3,102	2,966	102	36,428	6.54
CORTLAND.....	5,155	1,501	841	1,962	50	9,509	1.71
GOLDEN DELICIOUS.....	1,417	741	1,428	3,147	0	6,733	1.21
GOLDEN RUSSET.....	870	239	77	484	0	1,670	0.30
EMPIRE.....	15,316	1,272	703	0	0	17,291	3.11
IDARED.....	24,931	21,903	5,571	400	0	52,805	9.48
MCINTOSH.....	105,846	34,727	22,875	45,250	5,752	214,450	38.52
MUTSU.....	535	77	70	1,156	0	1,838	0.33
NORTHERN SPY.....	38,670	26,940	10,801	22,458	1,072	99,941	17.95
RED DELICIOUS.....	14,906	16,762	33,614	9,771	415	75,468	13.56
R.I. GREENING.....	0	682	0	698	242	1,622	0.29
SPARTAN.....	11,313	8,490	11,025	1,058	0	31,886	5.73
OTHER LATE VARIETIES.	2,531	30	853	2,880	787	7,081	1.27
TOTAL LATE VARIETIES.	221,490	113,364	87,858	89,264	8,318	520,294	93.46
TOTAL.....	241,215	123,897	90,960	92,230	8,420	556,722	100.00
AGE GROUP AS % OF TOTAL.....	43.33	22.25	16.34	16.57	1.51	100.00	

TABLE 26 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	VARIETY AS % OF	
						TOTAL	TOTAL
EARLY MCINTOSH.....	19	186	50	504	15	774	0.37
JERSEYMAC.....	978	1,039	0	0	0	2,017	0.96
PAULARED.....	438	2,241	48	0	0	2,727	1.29
QUINTE.....	510	557	493	212	0	1,772	0.84
VISTA BELLA.....	905	1,187	75	0	0	2,167	1.03
OTHER EARLY VARIETIES	2,582	732	584	926	208	5,032	2.39
TOTAL EARLY VARIETIES	5,432	5,942	1,250	1,642	223	14,489	6.87
CORTLAND.....	4,515	4,217	1,427	1,720	80	11,959	5.67
GOLDEN DELICIOUS.....	5,455	4,593	3,263	3,864	0	17,175	8.14
GOLDEN RUSSET.....	785	1,539	232	403	50	3,009	1.43
EMPIRE.....	5,603	3,529	1,530	0	0	10,662	5.05
IDARED.....	5,560	6,381	1,752	88	30	13,811	6.55
MCINTOSH.....	9,073	15,966	8,418	22,481	1,770	57,708	27.35
MUTSU.....	5,453	3,733	959	1,411	0	11,556	5.48
NORTHERN SPY.....	3,271	1,698	2,754	4,766	1,157	13,646	6.47
RED DELICIOUS.....	5,902	8,254	10,410	17,371	492	42,429	20.11
R.I. GREENING.....	266	26	733	30	33	1,088	0.52
SPARTAN.....	2,138	1,684	2,429	4,096	0	10,347	4.90
OTHER LATE VARIETIES.	1,477	972	420	151	74	3,094	1.47
TOTAL LATE VARIETIES.	49,498	52,592	34,327	56,381	3,686	196,484	93.13
TOTAL.....	54,930	58,534	35,577	58,023	3,909	210,973	100.00
AGE GROUP AS % OF TOTAL.....	26.04	27.74	16.86	27.50	1.85	100.00	

TABLE 27 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	VARIETY AS % OF	
						TOTAL	TOTAL
EARLY MCINTOSH.....	913	481	1,875	1,361	84	4,714	1.14
JERSEYMAC.....	2,422	1,009	379	120	0	3,930	0.95
PAULARED.....	3,732	2,368	804	214	0	7,118	1.73
QUINTE.....	15	294	2,820	953	0	4,082	0.99
VISTA BELLA.....	2,593	999	64	0	0	3,656	0.89
OTHER EARLY VARIETIES	817	802	1,885	1,741	70	5,315	1.29
TOTAL EARLY VARIETIES	10,492	5,953	7,827	4,389	154	28,815	6.99
CORTLAND.....	4,794	4,298	1,182	1,688	227	12,189	2.96
GOLDEN DELICIOUS.....	15,441	11,689	6,575	6,560	766	41,031	9.96
GOLDEN RUSSET.....	3,502	1,470	2,837	1,130	78	9,017	2.19
EMPIRE.....	11,704	8,241	2,460	330	0	22,735	5.52
IDARED.....	15,885	13,421	3,743	1,315	4	34,368	8.34
MCINTOSH.....	16,734	9,586	22,441	13,622	478	62,861	15.25
MUTSU.....	16,251	8,670	1,550	80	30	26,581	6.45
NORTHERN SPY.....	3,449	4,255	17,305	8,371	800	34,180	8.29
RED DELICIOUS.....	28,377	19,752	40,324	22,788	1,279	112,520	27.30
R.I. GREENING.....	1,432	289	1,844	2,158	84	5,807	1.41
SPARTAN.....	4,049	4,156	5,281	3,539	100	17,125	4.16
OTHER LATE VARIETIES.	1,896	646	882	1,300	183	4,907	1.19
TOTAL LATE VARIETIES.	123,514	86,473	106,424	62,881	4,029	383,321	93.01
TOTAL.....	134,006	92,426	114,251	67,270	4,183	412,136	100.00
AGE GROUP AS % OF TOTAL.....	32.51	22.43	27.72	16.32	1.01	100.00	

TABLE 28 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCKS BY VARIETY AND AGE GROUP,
SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF
							TOTAL
EARLY MCINTOSH.....	9,280	2,810	1,024	518	0	13,632	0.97
JERSEYMAC.....	4,323	3,563	1,065	200	20	9,171	0.65
PAULARED.....	6,853	5,946	4,194	698	46	17,737	1.26
QUINTE.....	374	1,001	1,969	1,904	0	5,248	0.37
VISTA BELLA.....	4,485	6,144	2,884	118	35	13,666	0.97
OTHER EARLY VARIETIES	4,011	3,136	2,480	2,097	335	12,059	0.86
TOTAL EARLY VARIETIES	29,326	22,600	13,616	5,535	436	71,513	5.09
CORTLAND.....	6,248	6,927	1,804	975	176	16,130	1.15
GOLDEN DELICIOUS.....	67,327	26,723	17,784	12,974	279	125,087	8.90
GOLDEN RUSSET.....	1,420	2,701	1,303	700	263	6,387	0.45
EMPIRE.....	88,607	47,926	9,481	1,064	120	147,198	10.47
IDARED.....	92,688	64,590	37,103	10,818	224	205,423	14.62
MCINTOSH.....	127,558	79,454	49,005	33,517	2,770	292,304	20.80
MUTSU.....	32,168	17,158	6,364	4,810	17	60,517	4.31
NORTHERN SPY.....	8,714	27,384	12,484	15,036	543	64,161	4.57
RED DELICIOUS.....	127,436	107,753	72,870	42,559	2,125	352,743	25.10
R.I. GREENING.....	434	530	1,713	130	12	2,819	0.20
SPARTAN.....	7,844	11,848	12,456	3,008	55	35,211	2.51
OTHER LATE VARIETIES.	13,419	6,073	3,399	2,055	817	25,763	1.83
TOTAL LATE VARIETIES.	573,863	399,067	225,766	127,646	7,401	1,333,743	94.91
TOTAL.....	603,189	421,667	239,382	133,181	7,837	1,405,256	100.00
AGE GROUP AS % OF TOTAL.....	42.92	30.01	17.03	9.48	0.56	100.00	

TABLE 29 - APPLE TREES ON SIZE-CONTROLLING ROOTSTOCK BY VARIETY, AGE GROUP,
AND DENSITY* OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL	
	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH		
EARLY MCINTOSH.....	7,475	2,348	2,347	566	2,143	3,043	336	2,817	470	789	3,304	21	10	42	91	25,802	0.77
JERSEYMACE.....	415	15,931	9,083	195	7,315	8,614	25	1,071	1,008	0	320	0	0	0	20	43,997	1.32
PAULARED.....	636	16,908	10,156	357	10,154	12,559	37	5,247	471	0	698	214	0	0	46	57,483	1.73
QUINTE.....	152	1,107	841	64	2,343	573	312	5,548	1,621	407	2,846	906	0	-0	0	16,300	0.49
VISTA BELLA.....	690	5,126	7,555	215	5,001	7,020	207	1,097	2,044	0	718	0	0	0	35	29,708	0.89
OTHER EARLY VARIETIES.....	881	2,036	6,779	377	2,999	4,380	638	4,256	2,108	910	5,218	1,279	546	289	133	32,029	0.99
TOTAL EARLY VARIETIES.....	10,249	43,556	36,341	1,774	29,555	36,189	1,555	20,036	7,722	2,106	13,104	2,420	556	331	325	206,119	6.19
CORTLAND.....	1,494	14,597	14,279	643	8,640	14,421	460	4,974	1,811	2,197	2,693	1,726	388	286	173	68,782	2.07
GOLDEN DELICIOUS.....	2,704	23,167	66,198	2,133	18,578	25,157	986	12,001	16,782	1,538	17,327	3,085	14	244	787	195,611	5.87
GOLDEN RUSSET.....	152	3,817	4,415	284	3,803	4,308	401	3,427	2,386	167	1,668	1,053	17	445	13	26,703	0.80
EMPIRE.....	3,770	76,694	88,432	1,597	36,632	44,475	993	12,723	5,768	1	1,305	88	0	88	40	272,606	8.19
IDARED.....	2,792	71,655	91,337	4,159	60,041	82,320	3,879	24,948	27,033	1,138	11,951	498	4	139	35	382,009	11.47
MCINTOSH.....	8,792	157,059	222,076	4,032	77,608	123,207	4,032	61,728	69,233	16,153	95,356	29,659	8,826	8,713	581	887,576	26.65
MUTSU.....	1,779	23,410	32,781	1,374	14,062	16,414	571	4,538	4,464	1,751	5,491	215	75	0	47	106,972	3.21
NORTHERN SPY.....	3,048	81,466	28,886	1,761	19,904	50,548	1,208	33,153	16,855	5,978	27,082	19,176	3,070	1,879	149	254,163	7.63
RED DELICIOUS.....	2,774	76,399	143,402	5,148	79,838	109,264	3,506	106,633	77,300	8,178	62,797	31,001	566	3,237	946	710,989	21.35
R.I. GREENING.....	490	1,358	1,358	86	907	840	333	3,661	716	35	2,914	183	182	319	46	12,224	0.37
SPARTAN.....	1,384	14,936	25,123	660	12,347	36,909	333	18,595	22,857	2,017	7,735	3,350	68	45	120	146,479	4.40
OTHER LATE VARIETIES.....	4,287	14,197	11,453	318	6,973	5,454	411	4,591	1,189	713	7,406	380	1,188	1,117	111	59,790	1.80
TOTAL LATE VARIETIES.....	33,768	518,830	728,736	22,195	339,333	513,317	17,406	290,972	246,394	39,866	243,635	95,414	14,398	16,512	3,128	1,123,904	93.81
TOTAL.....	44,017	562,286	765,077	23,969	369,288	549,506	18,961	311,008	254,116	41,972	256,739	97,834	14,954	16,843	3,453	3,330,023	100.00
AGE GROUP AS % OF TOTAL.....	1.32	16.89	22.98	0.72	11.09	16.50	0.57	9.34	7.63	1.26	7.71	2.94	0.45	0.51	0.10	100.00	

AGE GROUP AS

% OF TOTAL..... 1.32 16.89 22.98 0.72 11.09 16.50 0.57 9.34 7.63 1.26 7.71 2.94 0.45 0.51 0.10 100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 30 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			TOTAL	VARIETY AS % OF TOTAL
	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH		
EARLY MCINTOSH.....	100	35	21	12	106	15	193	84	7	15	92	0	10	0	15	665	0.67
JERSEYMACE.....	205	20	0	0	0	0	0	0	0	0	0	0	0	0	0	225	0.23
PAULARED.....	11	0	0	0	640	8	0	69	0	0	0	0	0	0	0	728	0.73
QUINTE.....	0	0	0	1	18	2	0	144	0	0	108	0	0	0	0	273	0.27
VISTA BELLA.....	312	15	0	0	69	9	0	0	0	0	0	0	0	0	0	405	0.41
OTHER EARLY VARIETIES.....	58	0	10	0	0	0	0	466	140	0	358	200	0	16	0	1,248	1.25
TOTAL EARLY VARIETIES.....	686	70	31	13	833	34	193	723	147	15	558	200	10	16	15	3,544	3.55
CORTLAND.....	242	205	557	38	242	0	114	66	16	1,225	990	26	30	134	10	3,895	3.91
GOLDEN DELICIOUS.....	1,038	560	98	68	12	170	317	383	13	64	2,306	2	0	244	3	5,238	5.25
GOLDEN RUSSET.....	100	0	6	0	0	6	2	0	0	3	34	82	14	250	0	457	0.46
EMPIRE.....	22	75	103	2	0	0	0	84	0	0	0	0	0	80	0	366	0.37
IDARED.....	226	698	704	4	392	10	1,550	1,308	30	0	3,596	50	0	0	0	8,568	8.59
MCINTOSH.....	1,294	1,297	1,023	576	248	0	1,228	3,714	1,273	4,893	16,304	11	2,312	1,380	22	35,575	35.67
MUTSU.....	290	142	514	8	12	30	0	180	0	245	689	0	0	0	0	2,110	2.12
NORTHERN SPY.....	570	538	1,003	39	10	67	4,958	117	3,366	5,712	577	671	110	20	17	17,998	17.85
RED DELICIOUS.....	562	734	630	177	158	11	3,667	46	2,418	7,488	90	157	850	0	17	47,979	47.53
R.I. GREENING.....	200	0	7	0	14	0	4	0	0	1,000	0	61	78	6	1,370	1.37	
SPARTAN.....	121	21	502	7	28	0	0	236	50	1	583	0	0	0	0	1,509	1.51
OTHER LATE VARIETIES.....	0	516	0	0	120	200	0	386	0	0	554	0	0	40	0	1,816	1.82
TOTAL LATE VARIETIES.....	4,665	4,786	5,140	926	1,222	481	3,769	14,946	1,545	12,215	39,216	798	3,245	3,166	61	95,181	95.45
TOTAL.....	5,351	4,856	5,171	939	2,055	515	3,962	15,669	1,692	12,230	39,774	998	3,255	3,182	76	99,725	100.00
AGE GROUP AS % OF TOTAL.....	5.37	4.87	5.19	0.94	2.06	0.52	3.97	15.71	1.70	12.26	39.88	1.00	3.26	3.19	0.08	100.00	

AGE GROUP AS

% OF TOTAL..... 5.37 4.87 5.19 0.94 2.06 0.52 3.97 15.71 1.70 12.26 39.88 1.00 3.26 3.19 0.08 100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 31 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL	
	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH	LOW	DENSITY MEDIUM	HIGH		
EARLY MCINTOSH.....	4	120	0	70	111	20	0	587	147	71	2,124	9	0	42	60	3,365	0.80
JERSEYMACE.....	10	1,049	1,835	3	873	152	0	61	0	0	209	0	0	0	0	4,192	1.00
PAULARED.....	20	2,942	1,274	5	1,199	453	24	442	70	0	296	214	0	0	0	6,939	1.65
QUINTE.....	120	334	50	13	137	4	41	667	17	310	1,430	20	0	0	0	3,143	0.75
VISTA BELLA.....	57	174	217	0	1,035	201	0	125	0	0	118	0	0	0	0	1,927	0.46
OTHER EARLY VARIETIES.....	20	400	60	40	588	5	17	241	165	529	1,998	0	2	60	0	4,125	0.98
TOTAL EARLY VARIETIES.....	231	5,019	3,436	131	3,943	835	82	2,123	399	910	6,175	243	2	102	60	23,691	5.94
CORTLAND.....	10	2,983	616	264	1,009	580	135	1,096	402	241	906	810	3	132	5	9,192	2.19
GOLDEN DELICIOUS.....	25	5,534	2,724	449	1,923	1,018	233	3,270	3,747	800	10,131	2,809	0	0	0	32,263	7.68
GOLDEN RUSSET.....	10	617	472	32	405	93	169	155	0	0	552	258	0	120	0	2,971	0.71
EMPIRE.....	174	15,290	4,085	9	9,960	1,229	0	1,561	0	1	326	0	0	0	0	28,635	6.82
IDARED.....	421	21,350	5,298	275	9,752	3,012	376	3,385	7,545	25	2,931	75	0	99	0	40,544	9.65
MCINTOSH.....	527	16,524	6,253	890	9,184	11,431	2,696	12,495	8,136	3,070	34,911	8,328	50	2,317	30	116,942	27.84
MUTSU.....	62	7,768	1,194	257	3,634	257	136	1,372	392	690	2,710	209	0	0	0	18,682	4.45
NORTHERN SPY.....	96	5,711	529	451	1,576	185	195	5,467	649	905	8,215	10,565	300	1,460	0	36,304	8.64
RED DELICIOUS.....	638	11,670	3,451	447	7,961	604	484	24,425	2,585	1,560	27,220	5,794	199	1,838	33	88,919	21.17
R.I. GREENING.....	150	243	0	6	54	17	100	1,372	4	0	100	0	0	0	0	2,046	0.49
SPARTAN.....	37	2,379	978	47	1,311	828	150	3,471	2,764	60	1,692	386	0	35	0	14,138	3.37
OTHER LATE VARIETIES.....	3	2,061	469	25	70	1,125	0	9	0	0	1,890	0	12	0	0	5,662	1.35
TOTAL LATE VARIETIES.....	2,151	78,130	26,169	3,152	42,839	20,379	4,684	58,078	26,312	6,952	91,584	29,234	564	6,001	69	396,298	94.36
TOTAL.....	2,382	83,149	29,605	3,283	46,782	21,214	4,766	60,201	26,711	7,862	97,759	29,477	566	6,103	129	419,989	100.00
AGE GROUP AS % OF TOTAL.....	0.57	19.80	7.05	0.78	11.14	5.05	1.13	14.33	6.36	1.87	23.28	7.02	0.13	1.45	0.03	100.00	

AGE GROUP AS

% OF TOTAL..... 0.57 19.80 7.05 0.78 11.14 5.05 1.13 14.33 6.36 1.87 23.28 7.02 0.13 1.45 0.03 100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

**TABLE 32 - APPLE TREES ON M9 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986**

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
EARLY MCINTOSH.....	4	91	0	5	0	42	0	271	284	468	33	1	0	0	0	1,199 0.53
JERSEYMACE.....	0	0	396	0	0	260	0	0	16	0	0	0	0	0	0	672 0.30
PAULARED.....	0	0	560	0	106	110	0	0	0	0	0	0	0	0	0	776 0.34
QUINTE.....	14	1	6	8	0	20	0	0	444	0	0	0	0	0	0	493 0.22
VISTA BELLA.....	5	50	1,684	2	36	180	0	0	0	0	0	0	0	0	0	1,957 0.86
OTHER EARLY VARIETIES.....	50	0	2,000	0	10	456	1	0	23	0	45	510	0	0	0	3,095 1.36
TOTAL EARLY VARIETIES.....	73	142	4,646	15	152	1,068	1	271	767	468	78	511	0	0	0	8,192 3.60
CORTLAND.....	1	800	884	0	100	2,384	0	150	12	376	40	690	0	0	90	5,527 2.43
GOLDEN DELICIOUS.....	15	900	6,912	0	441	2,650	15	394	8,040	599	303	2,627	1	0	0	22,899 10.05
GOLDEN RUSSET.....	10	75	429	2	20	130	86	0	345	0	0	480	1	0	0	1,578 0.69
EMPIRE.....	2	371	12,196	0	349	2,491	192	0	610	0	0	0	0	0	0	16,211 7.12
IDARED.....	2	347	7,184	45	470	6,116	8	156	0	0	0	60	0	0	0	14,388 6.32
MCINTOSH.....	275	413	18,792	15	718	14,643	16	683	6,716	200	2,459	12,386	179	0	200	57,695 25.33
MUTSU.....	5	1,093	3,070	10	120	308	206	10	0	409	0	0	75	0	0	5,306 2.33
NORTHERN SPY.....	29	464	1,169	5	240	9,734	104	15	3,655	325	48	4,587	125	40	0	20,540 9.02
RED DELICIOUS.....	0	350	10,888	220	892	18,255	78	202	16,454	1,070	2,013	13,348	1	0	730	64,501 28.32
R.I. GREENING.....	0	0	68	0	63	44	1	10	2	0	0	0	0	0	1	330 0.08
SPARTAN.....	7	160	2,575	0	10	2,879	32	222	2,020	502	0	1,900	0	0	0	10,310 4.53
OTHER LATE VARIETIES.....	0	0	75	0	18	335	0	0	0	0	0	4	0	0	0	432 0.19
TOTAL LATE VARIETIES.....	346	4,973	64,242	297	3,441	59,969	738	1,845	37,854	3,481	4,863	36,082	384	41	1,020	219,576 96.40
TOTAL.....	419	5,115	68,888	312	3,593	61,037	739	2,116	38,621	3,949	4,941	36,593	384	41	1,020	227,768 100.00
AGE GROUP AS % OF TOTAL.....	0.18	2.25	30.24	0.14	1.58	26.80	0.32	0.93	16.96	1.73	2.17	16.07	0.17	0.02	0.45	100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

**TABLE 33 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986**

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
EARLY MCINTOSH.....	79	1,038	1,754	293	978	2,159	64	0	14	12	0	3	0	0	12	6,606 0.52
JERSEYMACE.....	82	3,882	5,362	42	3,607	6,143	20	87	834	0	0	0	0	0	20	20,079 1.60
PAULARED.....	400	2,758	7,635	237	2,735	11,548	11	865	199	0	268	0	0	0	0	26,702 2.12
QUINTE.....	5	461	238	12	1,250	462	74	710	686	4	180	874	0	0	0	4,965 0.39
VISTA BELLA.....	274	2,135	4,725	163	2,810	6,350	100	51	2,044	0	600	0	0	0	35	19,287 1.53
OTHER EARLY VARIETIES.....	198	938	2,463	187	1,225	1,876	277	555	1,177	1	120	102	50	0	1	9,170 0.73
TOTAL EARLY VARIETIES.....	1,038	11,212	22,177	934	12,614	28,738	546	2,268	4,954	17	1,168	979	50	0	114	86,809 6.90
CORTLAND.....	728	5,380	9,957	164	4,890	11,008	102	1,078	1,257	0	12	147	63	0	28	34,814 2.77
GOLDEN DELICIOUS.....	1,209	6,587	26,248	1,330	7,779	19,112	307	1,695	3,623	0	302	816	0	0	782	69,790 5.54
GOLDEN RUSSET.....	124	1,466	2,597	206	1,444	3,573	123	366	1,888	68	0	194	0	75	13	12,137 0.96
EMPIRE.....	1,635	15,867	49,446	1,378	12,265	36,721	581	4,547	3,616	0	853	40	0	40	126,949	10.09
IDARED.....	784	9,674	34,999	2,729	16,126	51,398	252	2,220	10,889	8	55	86	0	20	85	129,325 10.27
MCINTOSH.....	4,024	32,645	104,084	1,144	20,181	79,620	296	5,403	34,523	641	2,128	1,776	350	15	157	286,997 22.80
MUTSU.....	1,036	7,488	19,107	828	8,047	14,633	177	796	2,898	247	760	0	0	0	46	56,063 4.45
NORTHERN SPY.....	955	21,451	23,829	986	9,110	34,110	383	7,508	9,499	0	1,314	1,015	40	9	74	110,283 8.76
RED DELICIOUS.....	834	18,493	79,152	3,216	24,264	74,399	770	18,548	24,424	410	534	6,845	33	0	60	252,862 20.09
R.I. GREENING.....	20	1,075	16	71	100	83	0	1,085	710	5	0	181	1	0	6	3,353 0.27
SPARTAN.....	852	5,272	15,164	251	4,471	30,958	84	1,686	10,968	1,434	1,454	271	50	0	120	73,041 5.80
OTHER LATE VARIETIES.....	307	3,177	5,269	93	1,083	2,560	2	1,611	877	0	958	235	138	0	15	16,365 1.30
TOTAL LATE VARIETIES.....	12,508	128,965	369,868	12,396	109,766	358,275	3,037	46,543	105,172	3,243	8,370	11,616	675	119	1,426	1,171,979 93.10
TOTAL.....	13,546	140,177	392,045	13,330	122,380	387,013	3,583	48,811	110,126	3,260	9,538	12,595	725	119	1,540	1,258,788 100.00
AGE GROUP AS % OF TOTAL.....	1.08	11.14	31.14	1.06	9.72	30.74	0.28	3.88	8.75	0.26	0.76	1.00	0.06	0.01	0.12	100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

**TABLE 34 - APPLE TREES ON MM104 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986**

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	
EARLY MCINTOSH.....	0	0	0	0	1	28	0	0	0	84	0	0	0	0	0	113 0.44
JERSEYMACE.....	0	60	0	0	20	6	0	10	0	0	0	0	0	0	0	96 0.37
PAULARED.....	0	0	0	0	200	5	0	100	0	0	0	0	0	0	0	305 1.19
QUINTE.....	0	0	0	0	40	0	0	140	2	0	0	0	0	0	0	182 0.71
VISTA BELLA.....	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	125 0.49
OTHER EARLY VARIETIES.....	0	0	0	0	0	0	0	0	0	0	375	0	0	0	0	375 1.46
TOTAL EARLY VARIETIES.....	0	185	0	0	261	39	0	250	2	84	375	0	0	0	0	1,196 4.65
CORTLAND.....	0	0	0	0	91	0	0	0	3	0	0	0	0	0	0	94 0.37
GOLDEN DELICIOUS.....	8	7	0	0	40	0	0	0	0	200	571	0	0	0	0	826 3.21
GOLDEN RUSSET.....	0	100	0	0	1	80	0	0	0	0	0	0	0	0	0	181 0.07
EMPIRE.....	0	0	500	0	0	0	0	0	0	0	0	0	0	0	0	738 2.87
IDARED.....	0	200	600	0	0	0	0	0	230	0	0	0	0	8	0	738 2.87
MCINTOSH.....	5	527	0	0	0	357	0	506	256	575	704	39	0	20	0	3,267 12.71
MUTSU.....	0	85	0	0	55	130	0	300	25	0	5,483	0	200	5,000	0	11,540 44.91
NORTHERN SPY.....	0	61	75	6	430	0	0	130	6	0	0	78	0	0	0	270 1.05
RED DELICIOUS.....	0	242	16	20	1,440	173	8	1,064	0	3,578	0	0	0	0	0	6,541 25.45
SPARTAN.....	0	10	0	0	0	0	2	120	60	0	0	15	0	0	0	207 0.81
OTHER LATE VARIETIES.....	0	0	0	0	8	0	0	0	0	0	44	0	0	0	0	52 0.20
TOTAL LATE VARIETIES.....	13	1,232	1,191	34	2,057	750	10	1,056	1,644	775	10,380	132	200	5,028	0	24,502 95.35
TOTAL.....	13	1,417	1,191	34	2,318	789	10	1,306	1,646	859	10,755	132	200	5,028	0	25,698 100.00
AGE GROUP AS % OF TOTAL.....	0.05	5.51	4.63	0.13	9.02	3.07	0.04	5.08	6.41	3.34	41.85	0.51	0.78	19.57	0.00	100.00

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 35 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL	
	DENSITY			DENSITY			DENSITY			DENSITY			DENSITY			TOTAL	TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH		
EARLY MCINTOSH.....	7,288	851	572	186	681	579	79	1,684	4	136	807	0	0	0	0	12,867	1.23
JERSEYMAR.....	67	9,924	1,204	150	2,630	1,898	5	802	158	236	1,525	0	0	0	0	16,949	1.62
PAULARED.....	73	7,586	537	115	4,786	435	2	2,292	202	0	134	0	0	0	0	17,162	1.64
QUINTE.....	8	298	127	30	840	85	195	2,990	467	93	376	3	0	0	0	5,512	0.53
VISTA BELLA.....	42	2,602	355	50	815	213	107	823	0	0	0	0	0	0	0	5,007	0.48
OTHER EARLY VARIETIES.....	23	460	588	0	472	359	35	1,844	461	30	352	0	0	0	0	4,564	0.44
TOTAL EARLY VARIETIES.....	7,501	21,661	3,383	531	10,224	3,569	423	11,435	1,292	259	1,780	3	0	0	0	62,061	5.95
CORTLAND.....	411	4,082	2,195	112	1,598	384	109	1,803	80	92	538	39	55	20	0	11,518	1.10
GOLDEN DELICIOUS.....	291	7,627	28,683	236	5,109	869	26	5,073	334	236	1,525	1,737	0	0	0	51,743	4.96
GOLDEN RUSSET.....	102	1,224	806	44	1,625	324	17	2,828	65	21	1,025	13	0	0	0	8,094	0.78
EMPIRE.....	1,621	35,295	21,318	208	14,546	2,967	260	6,317	1,312	0	126	48	0	0	0	84,018	8.05
IDARED.....	1,050	43,095	41,785	844	23,976	18,731	636	11,608	7,645	427	2,903	186	4	0	0	152,892	14.65
MCINTOSH.....	1,943	71,978	82,661	899	42,031	12,998	317	35,590	17,334	6,073	29,309	6,457	3,887	0	9	311,486	29.86
MUTSU.....	376	5,385	8,542	168	1,268	740	47	2,054	1,172	10	773	6	0	0	0	20,541	1.97
NORTHERN SPT.....	1,189	11,371	2,026	229	8,367	6,282	396	14,619	2,928	493	10,015	2,116	61	240	0	60,332	5.78
RED DELICIOUS.....	681	37,865	46,302	480	32,682	12,395	1,141	52,673	17,884	1,430	16,943	2,138	0	508	3	222,526	21.33
R.I. GREENING.....	0	60	270	2	690	0	1	1,000	0	0	165	0	0	240	0	3,378	0.32
SPARTAN.....	351	4,507	4,914	355	4,839	2,129	60	11,628	6,994	20	3,900	740	18	0	0	40,185	3.85
OTHER LATE VARIETIES.....	3,710	3,716	1,077	27	2,131	539	65	2,418	0	0	445	0	94	320	0	11,542	1.39
TOTAL LATE VARIETIES.....	11,725	225,607	240,579	3,604	138,862	58,359	3,075	147,608	55,748	8,802	68,617	13,210	4,119	1,328	12	981,259	94.05
TOTAL.....	19,226	247,268	243,962	4,135	149,086	61,928	3,498	159,043	57,040	9,061	70,397	13,213	4,119	1,328	12	1,043,316	100.00
AGE GROUP AS % OF TOTAL.....	1.84	23.70	23.38	0.40	14.29	5.94	0.34	15.24	5.47	0.87	6.75	1.27	0.39	0.13	0.00	100.00	

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 36 - APPLE TREES ON MM111 ROOTSTOCK BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL	
	DENSITY			DENSITY			DENSITY			DENSITY			DENSITY			TOTAL	TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH		
EARLY MCINTOSH.....	0	150	0	0	265	0	0	208	0	0	0	8	0	0	0	631	0.34
JERSEYMAR.....	51	996	286	0	185	155	0	111	0	0	0	0	0	0	0	1,784	0.95
PAULARED.....	132	3,609	150	0	452	0	0	467	0	0	0	0	0	0	0	4,810	2.58
QUINTE.....	5	13	0	0	40	0	2	873	1	0	207	0	0	0	0	1,141	0.61
VISTA BELLA.....	0	25	574	0	236	0	0	88	0	0	0	0	0	0	0	923	0.50
OTHER EARLY VARIETIES.....	49	49	0	0	14	0	0	0	41	26	160	55	0	0	0	394	0.21
TOTAL EARLY VARIETIES.....	237	4,842	1,010	0	1,192	155	2	1,747	42	26	367	63	0	0	0	9,683	5.20
CORTLAND.....	102	1,082	70	65	710	54	0	781	25	3	201	4	52	0	0	3,149	1.69
GOLDEN DELICIOUS.....	118	1,796	1,006	50	3,274	1,050	78	1,229	19	22	2,057	90	0	0	0	10,789	5.79
GOLDEN RUSSET.....	106	380	55	0	296	100	4	8	0	75	20	0	0	0	0	1,044	0.56
EMPIRE.....	76	9,175	640	0	3,428	67	0	174	0	0	0	0	0	0	0	13,560	7.28
IDARED.....	309	10,288	614	262	9,225	2,022	1,057	5,765	652	103	1,762	2	0	0	0	32,061	17.21
MCINTOSH.....	124	32,890	6,977	508	5,146	3,291	0	3,034	20	844	2,256	637	74	0	3	57,070	30.64
MUTSU.....	10	1,359	354	103	888	250	0	126	0	0	163	0	0	0	0	3,253	1.75
NORTHERN SPT.....	29	1,870	0	45	171	190	63	456	1	126	804	234	850	0	0	4,839	2.60
RED DELICIOUS.....	5	7,145	2,513	569	11,990	947	415	6,018	6,574	120	3,981	659	52	40	0	41,028	22.02
R.I. GREENING.....	120	10	0	0	0	0	0	0	0	0	1	0	40	0	0	171	0.09
SPARTAN.....	15	1,077	990	0	1,492	115	5	1,199	1	0	135	0	10	0	0	5,039	2.70
OTHER LATE VARIETIES.....	0	2,423	253	0	1,297	325	30	0	0	0	271	0	3	0	0	4,602	2.47
TOTAL LATE VARIETIES.....	1,614	69,495	13,472	1,602	37,917	8,411	1,652	18,790	7,292	1,293	11,651	1,626	1,737	50	3	176,605	94.80
TOTAL.....	1,851	74,337	14,482	1,602	39,109	8,566	1,654	20,537	7,334	1,319	12,018	1,689	1,737	50	3	186,288	100.00
AGE GROUP AS % OF TOTAL.....	0.99	39.90	7.77	0.86	20.99	4.60	0.89	11.02	3.94	0.71	6.45	0.91	0.93	0.03	0.00	100.00	

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 37 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY, AGE GROUP, AND DENSITY*
OF PLANTING, ONTARIO, 1986

VARIETY	1 TO 5 YEARS			6 TO 10 YEARS			11 TO 16 YEARS			17 TO 30 YEARS			31 YEARS & OVER			VARIETY AS % OF TOTAL	
	DENSITY			DENSITY			DENSITY			DENSITY			DENSITY			TOTAL	TOTAL
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH		
EARLY MCINTOSH.....	0	63	0	0	1	0	0	23	14	3	248	0	0	0	4	356	0.52
PAULARED.....	0	13	0	0	36	0	0	12	0	0	0	0	0	0	0	61	0.09
QUINTE.....	0	0	0	0	9	0	0	24	4	0	545	9	0	0	0	591	0.86
VISTA BELLA.....	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	77	0.11
OTHER EARLY VARIETIES.....	483	249	1,658	150	690	1,684	308	1,150	101	324	1,810	412	494	213	132	9,858	14.40
TOTAL EARLY VARIETIES.....	483	325	1,658	150	736	1,751	308	1,219	119	327	2,603	421	494	213	136	10,943	15.99
CORTLAND.....	0	65	0	0	0	11	0	0	16	260	6	10	185	0	40	593	0.87
GOLDEN DELICIOUS.....	0	156	527	0	0	288	10	0	1,006	17	42	4	11	0	2	2,063	3.01
GOLDEN RUSSET.....	2	0	50	0	12	2	0	70	0	0	37	66	2	0	0	241	0.35
EMPIRE.....	240	621	144	0	84	1,000	0	40	0	0	0	0	0	0	0	2,129	3.11
IDARED.....	0	1	153	0	100	664	0	0	16	0	0	0	0	0	30	964	1.41
MCINTOSH.....	0	785	2,186	0	100	1,224	0	509	1,206	432	2,506	54	1,108	1	160	10,271	15.00
MUTSU.....	0	0	0	0	38	66	5	0	2	150	396	0	0	0	0	747	1.09
NORTHERN SPT.....	180	0	255	0	0	7	0	0	0	763	974	4	1,023	20	55	3,281	4.79
RED DELICIOUS.....	54	50	450	19	451	2,479	109	1,100	8,269	740	1,040	2,127	124	1	120	17,133	25.03
R.I. GREENING.....	0	0	0	0	0	682	1	190	0	30	698	2	80	0	34	1,717	2.51
SPARTAN.....	1	1,510	0	0	190	0	0	30	0	0	11	308	0	0	0	2,050	2.99
OTHER LATE VARIETIES.....	269	2,364	4,310	165	2,254	270	316	167	312	713	3,244	141	941	757	96	16,319	23.84
TOTAL LATE VARIETIES.....	746	5,642	8,075	184	3,229	6,693	441	2,106	10,827	3,105	8,954	2,716	3,474	779	537	57,508	84.01
TOTAL.....	1,229	5,967	9,733	334	3,965	8,444	749	3,325	10,946	3,432	11,557	3,137	3,968	992	673	68,451	100.00
AGE GROUP AS % OF TOTAL.....	1.80	8.72	14.22	0.49	5.79	12.34	1.09	4.86	15.99	5.01	16.88	4.58	5.80	1.45	0.98	100.00	

* LOW DENSITY - 60 TREES AND UNDER PER ACRE; MEDIUM DENSITY - 61 TO 200 TREES PER ACRE; HIGH DENSITY - OVER 200 TREES PER ACRE.

TABLE 38 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
JERSEYMAC.....	10	0	0	0	0	10	0.43
PAULARED.....	10	0	0	0	0	10	0.43
QUINTE.....	0	0	30	0	0	30	1.30
OTHER EARLY VARIETIES..	0	0	80	110	0	190	8.25
TOTAL EARLY VARIETIES..	20	0	110	110	0	240	10.43
CORTLAND.....	20	100	180	0	0	300	13.03
GOLDEN DELICIOUS.....	0	10	110	0	0	120	5.21
GOLDEN RUSSET.....	50	10	50	0	0	110	4.78
IDARED.....	0	0	50	25	0	75	3.26
MCINTOSH.....	345	0	255	280	0	880	38.23
MUTSU.....	20	30	0	0	0	50	2.17
NORTHERN SPY.....	0	110	0	0	0	110	4.78
RED DELICIOUS.....	0	47	100	0	0	147	6.39
R.I. GREENING.....	0	50	0	0	0	50	2.17
SPARTAN.....	50	35	0	50	0	135	5.86
OTHER LATE VARIETIES..	50	35	0	0	0	85	3.69
TOTAL LATE VARIETIES..	535	427	745	355	0	2,062	89.57
TOTAL.....	555	427	855	465	0	2,302	100.00
AGE GROUP AS % OF TOTAL.....	24.11	18.55	37.14	20.20	0.00	100.00	

TABLE 39 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	381	0	0	12	0	393	1.57
JERSEYMAC.....	698	354	0	0	0	1,052	4.21
PAULARED.....	998	170	0	0	0	1,168	4.68
QUINTE.....	303	0	0	0	0	303	1.21
VISTA BELLA.....	506	103	0	600	0	1,209	4.84
OTHER EARLY VARIETIES..	362	50	0	28	0	440	1.76
TOTAL EARLY VARIETIES..	3,248	677	0	640	0	4,565	18.27
CORTLAND.....	1,879	452	0	0	0	2,331	9.33
GOLDEN DELICIOUS.....	37	0	0	0	0	37	0.15
GOLDEN RUSSET.....	19	0	0	0	0	19	0.08
EMPIRE.....	4,249	130	0	0	0	4,379	17.53
IDARED.....	1,588	10	0	0	0	1,598	6.40
MCINTOSH.....	3,437	2,328	68	0	0	5,833	23.35
MUTSU.....	4	10	0	0	0	14	0.06
NORTHERN SPY.....	30	0	0	300	0	330	1.32
RED DELICIOUS.....	151	51	0	0	0	202	0.81
R.I. GREENING.....	30	0	0	0	0	30	0.12
SPARTAN.....	2,285	1,820	0	0	50	4,155	16.63
OTHER LATE VARIETIES..	1,205	85	0	200	0	1,490	5.96
TOTAL LATE VARIETIES..	14,914	4,886	68	500	50	20,418	81.73
TOTAL.....	18,162	5,563	68	1,140	50	24,983	100.00
AGE GROUP AS % OF TOTAL.....	72.70	22.27	0.27	4.56	0.20	100.00	

TABLE 40 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	50	0	0	0	0	50	0.63
JERSEYMAC.....	225	0	0	0	0	225	2.83
PAULARED.....	45	2	0	0	0	47	0.59
QUINTE.....	40	100	0	0	0	140	1.76
VISTA BELLA.....	200	0	0	0	0	200	2.52
OTHER EARLY VARIETIES..	80	2	0	0	0	82	1.03
TOTAL EARLY VARIETIES..	640	104	0	0	0	744	9.37
CORTLAND.....	150	50	0	30	0	230	2.90
EMPIRE.....	0	240	0	0	0	240	3.02
IDARED.....	12	0	0	0	0	12	0.15
MCINTOSH.....	3,675	2,070	0	500	0	6,245	78.61
NORTHERN SPY.....	0	21	0	12	0	33	0.42
RED DELICIOUS.....	3	0	0	0	0	3	0.04
SPARTAN.....	337	0	0	100	0	437	5.50
TOTAL LATE VARIETIES..	4,177	2,381	0	642	0	7,200	90.63
TOTAL.....	4,817	2,485	0	642	0	7,944	100.00
AGE GROUP AS % OF TOTAL.....	60.64	31.28	0.00	8.08	0.00	100.00	

TABLE 41 - APPLE TREES ON MM111 ROOTSTOCK BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	100	0	0	8	0	108	0.24
JERSEYMAC.....	540	0	0	0	0	540	1.20
PAULARED.....	1,617	0	0	0	0	1,617	3.59
QUINTE.....	10	0	0	0	0	10	0.02
VISTA BELLA.....	299	0	0	0	0	299	0.66
OTHER EARLY VARIETIES..	74	0	0	0	0	74	0.16
TOTAL EARLY VARIETIES..	2,640	0	0	8	0	2,648	5.88
CORTLAND.....	212	675	750	100	0	1,737	3.86
GOLDEN RUSSET.....	230	155	0	20	0	405	0.90
EMPIRE.....	2,866	1,550	0	0	0	4,416	9.81
IDARED.....	1,555	1,105	0	0	0	2,660	5.91
MCINTOSH.....	24,633	3,774	0	0	0	28,407	63.12
NORTHERN SPY.....	125	0	0	0	0	125	0.28
RED DELICIOUS.....	600	250	0	0	0	850	1.89
R.I. GREENING.....	10	0	0	0	0	10	0.02
SPARTAN.....	1,605	1,105	150	0	10	2,870	6.38
OTHER LATE VARIETIES..	330	550	0	0	0	880	1.96
TOTAL LATE VARIETIES..	32,166	9,164	900	120	10	42,360	94.12
TOTAL.....	34,806	9,164	900	128	10	45,008	100.00
AGE GROUP AS % OF TOTAL.....	77.33	20.36	2.00	0.28	0.02	100.00	

TABLE 42 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, ST. LAWRENCE DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF
							TOTAL
OTHER EARLY VARIETIES.	152	264	30	124	64	634	78.18
TOTAL EARLY VARIETIES.	152	264	30	124	64	634	78.18
NORTHERN SPY.....	0	0	0	5	0	5	0.62
RED DELICIOUS.....	0	10	0	0	0	10	1.23
OTHER LATE VARIETIES..	25	0	58	6	73	162	19.98
TOTAL LATE VARIETIES..	25	10	58	11	73	177	21.82
TOTAL.....	177	274	88	135	137	811	100.00
AGE GROUP AS % OF TOTAL.....	21.82	33.79	10.85	16.65	16.89	100.00	

TABLE 43 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF
							TOTAL
EARLY MCINTOSH.....	100	0	0	0	0	100	1.17
PAULARED.....	0	420	0	0	0	420	4.92
VISTA BELLA.....	100	0	0	0	0	100	1.17
OTHER EARLY VARIETIES.	0	0	140	12	0	152	1.78
TOTAL EARLY VARIETIES.	200	420	140	12	0	772	9.04
CORTLAND.....	600	222	0	45	0	867	10.16
GOLDEN DELICIOUS.....	0	30	0	0	0	30	0.35
GOLDEN RUSSET.....	5	3	0	1	14	23	0.27
EMPIRE.....	100	0	0	0	0	100	1.17
IDARED.....	500	0	800	0	0	1,300	15.23
MCINTOSH.....	1,000	0	8	386	718	2,112	24.74
MUTSU.....	500	0	0	0	0	500	5.86
NORTHERN SPY.....	1,075	0	40	0	40	1,155	13.53
RED DELICIOUS.....	500	0	60	484	0	1,044	12.23
R.I. GREENING.....	0	0	0	0	133	133	1.56
SPARTAN.....	500	0	0	1	0	501	5.87
TOTAL LATE VARIETIES..	4,780	255	908	917	905	7,765	96
TOTAL.....	4,980	675	1,048	929	905	8,537	100.00
AGE GROUP AS % OF TOTAL.....	58.33	7.91	12.28	10.88	10.60	100.00	

TABLE 44 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	120	0	0	409	42	571	1.01
JERSEYMAC.....	299	0	0	0	0	299	0.53
PAULARED.....	1,772	0	50	0	0	1,822	3.21
QUINTE.....	50	0	8	0	0	58	0.10
VISTA BELLA.....	75	75	0	0	0	150	0.26
OTHER EARLY VARIETIES..	75	401	0	321	62	859	1.51
TOTAL EARLY VARIETIES..	2,391	476	58	730	104	3,759	6.62
CORTLAND.....	498	50	81	12	140	781	1.37
GOLDEN DELICIOUS.....	411	186	90	210	0	897	1.58
GOLDEN RUSSET.....	425	12	4	150	70	661	1.16
EMPIRE.....	5,117	219	0	0	0	5,336	9.39
IDARED.....	2,370	180	256	136	0	2,942	5.18
MCINTOSH.....	3,337	2,659	1,714	10,657	973	19,340	34.05
MUTSU.....	736	20	0	0	0	756	1.33
NORTHERN SPY.....	1,440	164	1,939	1,061	1,380	5,984	10.53
RED DELICIOUS.....	3,964	108	3,822	4,330	361	12,585	22.15
R.I.GREENING.....	0	1	0	0	0	1	0.00
SPARTAN.....	405	225	1,506	156	0	2,292	4.03
OTHER LATE VARIETIES..	389	1,040	0	42	0	1,471	2.59
TOTAL LATE VARIETIES..	19,092	4,864	9,412	16,754	2,924	53,046	93.38
TOTAL.....	21,483	5,340	9,470	17,484	3,028	56,805	100.00
AGE GROUP AS % OF TOTAL.....	37.82	9.40	16.67	30.78	5.33	100.00	

TABLE 45 - APPLE TREES ON M9 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	15	10	0	0	25	0.11
JERSEYMAC.....	130	0	0	0	0	130	0.57
PAULARED.....	0	75	0	0	0	75	0.33
QUINTE.....	6	8	0	0	0	14	0.06
VISTA BELLA.....	254	50	0	0	0	304	1.33
OTHER EARLY VARIETIES..	0	105	0	0	0	105	0.46
TOTAL EARLY VARIETIES..	390	253	10	0	0	653	2.86
CORTLAND.....	200	252	0	0	0	452	1.98
GOLDEN DELICIOUS.....	425	6	0	0	0	431	1.89
GOLDEN RUSSET.....	112	130	95	0	0	337	1.48
EMPIRE.....	3,702	236	380	0	0	4,318	18.90
IDARED.....	915	25	96	0	0	1,036	4.54
MCINTOSH.....	3,138	2,039	594	1,710	29	7,510	32.88
MUTSU.....	73	0	200	0	75	348	1.52
NORTHERN SPY.....	760	530	721	8	0	2,019	8.84
RED DELICIOUS.....	820	627	2,794	715	0	4,956	21.70
R.I. GREENING.....	0	42	0	0	1	43	0.19
SPARTAN.....	325	414	0	0	0	739	3.24
TOTAL LATE VARIETIES..	10,470	4,301	4,880	2,433	105	22,189	97.14
TOTAL.....	10,860	4,554	4,890	2,433	105	22,842	100.00
AGE GROUP AS % OF TOTAL.....	47.54	19.94	21.41	10.65	0.46	100.00	

TABLE 46 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	434	1,576	0	0	2	2,012	0.59
JERSEYMAC.....	2,803	1,737	240	0	0	4,780	1.40
PAULARED.....	2,726	8,627	85	0	0	11,438	3.36
QUINTE.....	92	309	107	0	0	508	0.15
VISTA BELLA.....	1,238	2,909	100	0	0	4,247	1.25
OTHER EARLY VARIETIES..	462	1,243	523	60	0	2,288	0.67
TOTAL EARLY VARIETIES..	7,755	16,401	1,055	60	2	25,273	7.42
CORTLAND.....	4,631	4,468	358	84	9	9,550	2.80
GOLDEN DELICIOUS.....	565	1,756	261	0	0	2,582	0.76
GOLDEN RUSSET.....	998	1,788	1,411	0	0	4,197	1.23
EMPIRE.....	14,816	16,418	2,743	0	0	33,977	9.97
IDARED.....	8,111	22,646	630	0	0	31,387	9.21
MCINTOSH.....	48,737	44,823	16,849	1,463	350	112,222	32.94
MUTSU.....	1,951	2,049	365	0	0	4,365	1.28
NORTHERN SPY.....	10,593	9,427	3,707	150	40	23,917	7.02
RED DELICIOUS.....	20,091	28,736	9,661	355	33	58,876	17.28
R.I. GREENING.....	0	83	0	86	0	169	0.05
SPARTAN.....	8,202	16,598	6,409	0	0	31,209	9.16
OTHER LATE VARIETIES..	1,480	1,417	50	35	16	2,998	0.88
TOTAL LATE VARIETIES..	120,175	150,209	42,444	2,173	448	315,449	92.58
TOTAL.....	127,930	166,610	43,499	2,233	450	340,722	100.00
AGE GROUP AS % OF TOTAL.....	37.55	48.90	12.77	0.66	0.13	100.00	

TABLE 47 - APPLE TREES ON MM104 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
PAULARED.....	0	5	0	0	0	5	0.15
TOTAL EARLY VARIETIES..	0	5	0	0	0	5	0.15
CORTLAND.....	0	0	1	0	0	1	0.03
GOLDEN RUSSET.....	100	80	0	0	0	180	5.33
EMPIRE.....	500	0	0	0	8	508	15.05
IDARED.....	600	367	0	0	0	967	28.64
MCINTOSH.....	527	0	0	0	0	527	15.61
NORTHERN SPY.....	61	0	0	0	0	61	1.81
RED DELICIOUS.....	242	0	0	885	0	1,127	33.38
TOTAL LATE VARIETIES..	2,030	447	1	885	8	3,371	99.85
TOTAL.....	2,030	452	1	885	8	3,376	100.00
AGE GROUP AS % OF TOTAL.....	60.13	13.39	0.03	26.21	0.24	100.00	

TABLE 48 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	240	170	171	600	0	1,181	0.65
JERSEYMAC.....	732	612	145	0	0	1,489	0.82
PAULARED.....	3,812	2,336	324	0	0	6,472	3.58
QUINTE.....	11	105	320	0	0	436	0.24
VISTA BELLA.....	688	104	200	0	0	992	0.55
OTHER EARLY VARIETIES..	303	154	295	0	0	752	0.42
TOTAL EARLY VARIETIES..	5,786	3,481	1,455	600	0	11,322	6.27
CORTLAND.....	1,179	446	610	0	55	2,290	1.27
GOLDEN DELICIOUS.....	991	134	173	98	0	1,396	0.77
GOLDEN RUSSET.....	160	265	135	0	0	560	0.31
EMPIRE.....	12,351	2,778	2,176	0	0	17,305	9.58
IDARED.....	9,655	13,948	5,798	805	0	30,206	16.72
MCINTOSH.....	30,590	7,324	12,168	6,515	106	56,703	31.38
MUTSU.....	237	53	65	0	0	355	0.20
NORTHERN SPY.....	3,676	1,614	1,459	65	1	6,815	3.77
RED DELICIOUS.....	18,189	10,563	12,373	1,634	3	42,762	23.67
R.I. GREENING.....	60	130	0	30	0	220	0.12
SPARTAN.....	2,203	3,233	2,392	1,094	18	8,940	4.95
OTHER LATE VARIETIES..	1,552	115	140	0	0	1,807	1.00
TOTAL LATE VARIETIES..	80,843	40,603	37,489	10,241	183	169,359	93.73
TOTAL.....	86,629	44,084	38,944	10,841	183	180,681	100.00
AGE GROUP AS % OF TOTAL.....	47.95	24.40	21.55	6.00	0.10	100.00	

TABLE 49 - APPLE TREES ON M111 ROOTSTOCK BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	50	50	0	0	0	100	0.38
JERSEYMAC.....	22	155	0	0	0	177	0.68
PAULARED.....	1,664	0	50	0	0	1,714	6.58
QUINTE.....	6	0	11	25	0	42	0.16
VISTA BELLA.....	0	50	0	0	0	50	0.19
OTHER EARLY VARIETIES..	0	0	41	0	0	41	0.16
TOTAL EARLY VARIETIES..	1,742	255	102	25	0	2,124	8.15
CORTLAND.....	224	40	11	0	50	325	1.25
GOLDEN DELICIOUS.....	0	0	85	0	0	85	0.33
GOLDEN RUSSET.....	55	0	0	0	0	55	0.21
EMPIRE.....	3,365	165	11	0	0	3,541	13.59
IDARED.....	1,406	1,794	61	0	0	3,261	12.51
MCINTOSH.....	7,697	73	735	354	3	8,862	34.01
MUTSU.....	42	50	0	0	0	92	0.35
NORTHERN SPY.....	1,533	70	6	0	40	1,649	6.33
RED DELICIOUS.....	1,385	772	515	1,044	40	3,756	14.41
R.I. GREENING.....	0	0	0	0	40	40	0.15
SPARTAN.....	187	307	137	0	0	631	2.42
OTHER LATE VARIETIES..	1,639	0	0	0	0	1,639	6.29
TOTAL LATE VARIETIES..	17,533	3,271	1,561	1,398	173	23,936	91.85
TOTAL.....	19,275	3,526	1,663	1,423	173	26,060	100.00
AGE GROUP AS % OF TOTAL.....	73.96	13.53	6.38	5.46	0.66	100.00	

TABLE 50 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, EASTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
PAULARED.....	13	0	0	0	0	13	0.08
OTHER EARLY VARIETIES.	94	474	558	789	127	2,042	12.96
TOTAL EARLY VARIETIES.	107	474	558	789	127	2,055	13.04
CORTLAND.....	65	6	0	0	60	131	0.83
GOLDEN DELICIOUS.....	0	0	0	7	0	7	0.04
GOLDEN RUSSET.....	0	3	70	0	0	73	0.46
EMPIRE.....	600	0	0	0	0	600	3.81
IDARED.....	8	150	0	0	0	158	1.00
MCINTOSH.....	1,600	24	364	433	171	2,592	16.44
NORTHERN SPY.....	0	0	0	4	25	29	0.18
RED DELICIOUS.....	9	565	896	40	1	1,511	9.59
R.I. GREENING.....	0	0	190	0	2	192	1.22
SPARTAN.....	0	1	0	0	0	1	0.01
OTHER LATE VARIETIES..	3,944	1,782	391	1,830	466	8,413	53.38
TOTAL LATE VARIETIES..	6,226	2,531	1,911	2,314	725	13,707	86.96
TOTAL.....	6,333	3,005	2,469	3,103	852	15,762	100.00
AGE GROUP AS % OF TOTAL.....	40.18	19.06	15.66	19.69	5.41	100.00	

TABLE 51 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	35	68	226	34	0	363	1.27
QUINTE.....	0	20	93	97	0	210	0.73
VISTA BELLA.....	2	0	0	0	0	2	0.01
OTHER EARLY VARIETIES.	2	0	0	11	0	13	0.05
TOTAL EARLY VARIETIES.	39	88	319	142	0	588	2.05
CORTLAND.....	116	40	112	1,420	30	1,718	5.99
GOLDEN DELICIOUS.....	200	0	410	2	0	612	2.13
GOLDEN RUSSET.....	50	0	2	2	0	54	0.19
EMPIRE.....	75	0	0	0	0	75	0.26
IDARED.....	305	72	1,500	0	0	1,877	6.55
MCINTOSH.....	1,100	194	1,216	10,840	825	14,175	49.43
NORTHERN SPY.....	415	14	308	5,593	453	6,783	23.65
RED DELICIOUS.....	37	60	388	1,492	155	2,132	7.43
SPARTAN.....	12	30	0	0	0	42	0.15
OTHER LATE VARIETIES..	0	0	386	235	0	621	2.17
TOTAL LATE VARIETIES..	2,310	410	4,322	19,584	1,463	28,089	97.95
TOTAL.....	2,349	498	4,641	19,726	1,463	28,677	100.00
AGE GROUP AS % OF TOTAL.....	8.19	1.74	16.18	68.79	5.10	100.00	

TABLE 52 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	0	100	417	0	517	0.91
JERSEYMAC.....	1,376	0	25	0	0	1,401	2.47
PAULARED.....	600	0	0	0	0	600	1.06
QUINTE.....	0	43	30	420	0	493	0.87
VISTA BELLA.....	22	0	25	0	0	47	0.08
OTHER EARLY VARIETIES..	0	30	3	600	0	633	1.12
TOTAL EARLY VARIETIES..	1,998	73	183	1,437	0	3,691	6.51
CORTLAND.....	101	500	150	55	0	806	1.42
GOLDEN DELICIOUS.....	10	10	60	1,240	0	1,320	2.33
GOLDEN RUSSET.....	6	0	0	321	0	327	0.58
EMPIRE.....	2,107	0	150	0	0	2,257	3.98
IDARED.....	2,690	2,864	700	0	0	6,254	11.03
MCINTOSH.....	8,349	1,400	3,234	6,949	0	19,932	35.16
MUTSU.....	0	0	0	700	0	700	1.23
NORTHERN SPY.....	1,979	350	1,475	8,676	0	12,480	22.02
RED DELICIOUS.....	1,000	648	1,975	2,440	0	6,063	10.70
SPARTAN.....	1,341	380	102	25	0	1,848	3.26
OTHER LATE VARIETIES..	5	0	0	1,000	0	1,005	1.77
TOTAL LATE VARIETIES..	17,588	6,152	7,846	21,406	0	52,992	93.49
TOTAL.....	19,586	6,225	8,029	22,843	0	56,683	100.00
AGE GROUP AS % OF TOTAL.....	34.55	10.98	14.16	40.30	0.00	100.00	

TABLE 53 - APPLE TREES ON M9 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	0	150	1	0	151	1.59
TOTAL EARLY VARIETIES..	0	0	150	1	0	151	1.59
CORTLAND.....	25	0	0	0	0	25	0.26
GOLDEN DELICIOUS.....	0	10	0	0	0	10	0.11
EMPIRE.....	0	20	0	0	0	20	0.21
IDARED.....	200	200	60	0	0	460	4.85
MCINTOSH.....	454	585	132	294	100	1,565	16.49
MUTSU.....	0	10	0	0	0	10	0.11
NORTHERN SPY.....	454	240	0	25	125	844	8.90
RED DELICIOUS.....	175	385	4,169	1,272	0	6,001	63.25
SPARTAN.....	220	150	32	0	0	402	4.24
TOTAL LATE VARIETIES..	1,528	1,600	4,393	1,591	225	9,337	98.41
TOTAL.....	1,528	1,600	4,543	1,592	225	9,488	100.00
AGE GROUP AS % OF TOTAL.....	16.10	16.86	47.88	16.78	2.37	100.00	

TABLE 54 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	421	126	0	0	0	547	0.32
JERSEYMAC.....	2,705	4,978	0	0	0	7,683	4.47
PAULARED.....	763	25	0	0	0	788	0.46
QUINTE.....	179	161	176	0	0	516	0.30
VISTA BELLA.....	488	592	0	0	0	1,080	0.63
OTHER EARLY VARIETIES..	371	130	0	120	0	621	0.36
TOTAL EARLY VARIETIES..	4,927	6,012	176	120	0	11,235	6.53
CORTLAND.....	1,381	473	170	0	0	2,024	1.18
GOLDEN DELICIOUS.....	1,000	596	600	2	0	2,198	1.28
GOLDEN RUSSET.....	343	0	20	68	0	431	0.25
EMPIRE.....	5,399	1,250	116	0	0	6,765	3.93
IDARED.....	3,162	5,527	320	0	0	9,009	5.24
MCINTOSH.....	50,177	10,470	838	1,448	0	62,933	36.60
MUTSU.....	257	5	70	0	0	332	0.19
NORTHERN SPY.....	27,397	19,651	0	0	0	47,048	27.36
RED DELICIOUS.....	5,042	11,531	947	370	0	17,890	10.40
SPARTAN.....	3,424	6,072	1,145	300	0	10,941	6.36
OTHER LATE VARIETIES..	1,155	10	0	0	0	1,165	0.68
TOTAL LATE VARIETIES..	98,737	55,585	4,226	2,188	0	160,736	93.47
TOTAL.....	103,664	61,597	4,402	2,308	0	171,971	100.00
AGE GROUP AS % OF TOTAL.....	60.28	35.82	2.56	1.34	0.00	100.00	

TABLE 55 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	27	220	0	0	0	247	0.10
JERSEYMAC.....	7,982	2,661	250	0	0	10,893	4.58
PAULARED.....	2,657	845	200	0	0	3,702	1.56
QUINTE.....	84	382	1,266	3	0	1,735	0.73
VISTA BELLA.....	1,391	13	0	0	0	1,404	0.59
OTHER EARLY VARIETIES..	310	150	380	120	0	960	0.40
TOTAL EARLY VARIETIES..	12,451	4,271	2,096	123	0	18,941	7.97
CORTLAND.....	3,142	484	409	418	20	4,473	1.88
GOLDEN DELICIOUS.....	207	125	258	101	0	691	0.29
GOLDEN RUSSET.....	365	237	55	0	0	657	0.28
EMPIRE.....	7,665	2	437	0	0	8,104	3.41
IDARED.....	15,849	9,693	1,801	400	0	27,743	11.67
MCINTOSH.....	42,446	19,146	15,694	21,892	3,780	102,958	43.30
MUTSU.....	278	34	0	0	0	312	0.13
NORTHERN SPY.....	8,093	6,654	8,828	6,042	296	29,913	12.58
RED DELICIOUS.....	8,151	3,650	12,550	1,535	240	26,126	10.99
R.I. GREENING.....	0	0	0	0	240	240	0.10
SPARTAN.....	4,576	1,828	9,009	722	0	16,135	6.79
OTHER LATE VARIETIES..	785	0	400	0	320	1,505	0.63
TOTAL LATE VARIETIES..	91,557	41,853	49,441	31,110	4,896	218,857	92.03
TOTAL.....	104,008	46,124	51,537	31,233	4,896	237,798	100.00
AGE GROUP AS % OF TOTAL.....	43.74	19.40	21.67	13.13	2.06	100.00	

TABLE 56 - APPLE TREES ON M111 ROOTSTOCK BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
JERSEYMAC.....	184	0	0	0	0	184	0.66
OTHER EARLY VARIETIES.	0	0	0	26	0	26	0.09
TOTAL EARLY VARIETIES.	184	0	0	26	0	210	0.75
CORTLAND.....	390	4	0	3	0	397	1.42
GOLDEN DELICIOUS.....	0	0	100	1,800	0	1,900	6.78
GOLDEN RUSSET.....	106	0	0	0	0	106	0.38
EMPIRE.....	50	0	0	0	0	50	0.18
IDARED.....	2,725	3,547	870	0	0	7,142	25.47
MCINTOSH.....	3,100	2,932	166	1,337	0	7,535	26.87
MUTSU.....	0	28	0	60	0	88	0.31
NORTHERN SPY.....	152	25	60	469	0	706	2.52
RED DELICIOUS.....	460	488	7,585	132	0	8,665	30.90
SPARTAN.....	240	30	617	0	0	887	3.16
OTHER LATE VARIETIES..	106	0	26	221	0	353	1.26
TOTAL LATE VARIETIES..	7,329	7,054	9,424	4,022	0	27,829	99.25
TOTAL.....	7,513	7,054	9,424	4,048	0	28,039	100.00
AGE GROUP AS % OF TOTAL.....	26.79	25.16	33.61	14.44	0.00	100.00	

TABLE 57 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, GEORGIAN BAY DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	0	17	250	0	267	1.18
QUINTE.....	0	0	16	545	0	561	2.47
OTHER EARLY VARIETIES.	1	83	3	322	102	511	2.25
TOTAL EARLY VARIETIES.	1	83	36	1,117	102	1,339	5.89
CORTLAND.....	0	0	0	66	0	66	0.29
GOLDEN DELICIOUS.....	0	0	0	2	0	2	0.01
GOLDEN RUSSET.....	0	2	0	93	0	95	0.42
EMPIRE.....	20	0	0	0	0	20	0.09
MCINTOSH.....	220	0	1,295	2,490	847	4,852	21.36
MUTSU.....	0	0	0	396	0	396	1.74
NORTHERN SPY.....	180	0	0	1,653	198	2,031	8.94
RED DELICIOUS.....	41	0	6,000	2,530	20	8,591	37.82
R.I. GREENING.....	0	682	0	698	2	1,382	6.08
SPARTAN.....	1,500	0	0	11	0	1,511	6.65
OTHER LATE VARIETIES..	480	20	41	1,424	467	2,432	10.71
TOTAL LATE VARIETIES..	2,441	704	7,336	9,363	1,534	21,378	94.11
TOTAL.....	2,442	787	7,372	10,480	1,636	22,717	100.00
AGE GROUP AS % OF TOTAL.....	10.75	3.46	32.45	46.13	7.20	100.00	

TABLE 58 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	15	0	0	0	15	30	0.23
JERSEYMAC.....	200	0	0	0	0	200	1.52
VISTA BELLA.....	200	0	0	0	0	200	1.52
OTHER EARLY VARIETIES..	0	0	0	80	0	80	0.61
TOTAL EARLY VARIETIES..	415	0	0	80	15	510	3.89
CORTLAND.....	224	0	1	226	50	501	3.82
GOLDEN DELICIOUS.....	1,023	30	5	0	0	1,058	8.07
GOLDEN RUSSET.....	50	0	0	0	50	100	0.76
EMPIRE.....	0	0	35	0	0	35	0.27
IDARED.....	200	302	110	0	0	612	4.67
MCINTOSH.....	1,280	544	1,280	2,958	220	6,282	47.89
MUTSU.....	275	8	0	400	0	683	5.21
NORTHERN SPY.....	525	0	0	350	100	975	7.43
RED DELICIOUS.....	425	158	580	486	410	2,059	15.70
R.I. GREENING.....	200	0	0	0	3	203	1.55
SPARTAN.....	100	0	0	0	0	100	0.76
TOTAL LATE VARIETIES..	4,302	1,042	2,011	4,420	833	12,608	96.11
TOTAL.....	4,717	1,042	2,011	4,500	848	13,118	100.00
AGE GROUP AS % OF TOTAL.....	35.96	7.94	15.33	34.30	6.46	100.00	

TABLE 59 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	4	0	0	0	0	4	0.01
JERSEYMAC.....	100	545	0	0	0	645	1.04
PAULARED.....	51	432	0	0	0	483	0.78
QUINTE.....	360	0	244	212	0	816	1.32
VISTA BELLA.....	0	402	0	0	0	402	0.65
OTHER EARLY VARIETIES..	150	0	100	120	0	370	0.60
TOTAL EARLY VARIETIES..	665	1,379	344	332	0	2,720	4.40
CORTLAND.....	2,180	167	627	461	0	3,435	5.56
GOLDEN DELICIOUS.....	1,529	450	1,220	2,595	0	5,794	9.37
GOLDEN RUSSET.....	90	121	102	90	0	403	0.65
EMPIRE.....	1,361	600	0	0	0	1,961	3.17
IDARED.....	2,698	297	145	0	0	3,140	5.08
MCINTOSH.....	3,567	9,640	3,586	9,225	800	26,818	43.38
MUTSU.....	1,656	1,274	400	200	0	3,530	5.71
NORTHERN SPY.....	950	150	756	1,460	150	3,466	5.61
RED DELICIOUS.....	1,350	735	1,053	4,395	0	7,533	12.18
R.I. GREENING.....	0	1	732	0	0	733	1.19
SPARTAN.....	55	248	441	1,260	0	2,004	3.24
OTHER LATE VARIETIES..	240	0	0	50	0	290	0.47
TOTAL LATE VARIETIES..	15,676	13,683	9,062	19,736	950	59,107	95.60
TOTAL.....	16,341	15,062	9,406	20,068	950	61,827	100.00
AGE GROUP AS % OF TOTAL.....	26.43	24.36	15.21	32.46	1.54	100.00	

TABLE 60 - APPLE TREES ON M9 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	0	0	468	0	468	1.46
JERSEYMAC.....	66	0	0	0	0	66	0.21
PAULARED.....	0	25	0	0	0	25	0.08
QUINTE.....	5	0	0	0	0	5	0.02
VISTA BELLA.....	135	0	0	0	0	135	0.42
OTHER EARLY VARIETIES..	1,600	0	0	545	0	2,145	6.71
TOTAL EARLY VARIETIES..	1,806	25	0	1,013	0	2,844	8.89
CORTLAND.....	0	1,558	100	1,016	0	2,674	8.36
GOLDEN DELICIOUS.....	0	301	1,080	703	0	2,084	6.51
GOLDEN RUSSET.....	35	0	50	300	0	385	1.20
EMPIRE.....	0	275	192	0	0	467	1.46
IDARED.....	0	20	4	0	0	24	0.08
MCINTOSH.....	25	17	10	7,710	200	7,962	24.89
MUTSU.....	500	0	3	409	0	912	2.85
NORTHERN SPY.....	63	307	234	2,800	0	3,404	10.64
RED DELICIOUS.....	0	107	2,069	6,864	0	9,040	28.26
R.I. GREENING.....	66	0	0	0	0	66	0.21
SPARTAN.....	0	0	0	2,102	0	2,102	6.57
OTHER LATE VARIETIES..	25	0	0	0	0	25	0.08
TOTAL LATE VARIETIES..	714	2,585	3,742	21,904	200	29,145	91.11
TOTAL.....	2,520	2,610	3,742	22,917	200	31,989	100.00
AGE GROUP AS % OF TOTAL.....	7.88	8.16	11.70	71.64	0.63	100.00	

TABLE 61 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
JERSEYMAC.....	612	444	0	0	0	1,056	1.68
PAULARED.....	333	1,634	0	0	0	1,967	3.13
QUINTE.....	55	537	161	0	0	753	1.20
VISTA BELLA.....	516	735	0	0	0	1,251	1.99
OTHER EARLY VARIETIES..	238	253	168	0	50	709	1.13
TOTAL EARLY VARIETIES..	1,754	3,603	329	0	50	5,736	9.13
CORTLAND.....	1,642	2,130	699	0	0	4,471	7.12
GOLDEN DELICIOUS.....	2,037	3,142	818	0	0	5,997	9.55
GOLDEN RUSSET.....	537	1,090	80	0	0	1,707	2.72
EMPIRE.....	3,385	2,166	1,067	0	0	6,618	10.54
IDARED.....	1,235	4,482	574	0	0	6,291	10.02
MCINTOSH.....	2,989	3,841	991	0	0	7,821	12.45
MUTSU.....	1,884	2,041	208	247	0	4,380	6.97
NORTHERN SPY.....	1,384	808	1,620	0	0	3,812	6.07
RED DELICIOUS.....	3,806	4,598	2,039	1,330	0	11,773	18.75
SPARTAN.....	1,626	765	563	334	0	3,288	5.24
OTHER LATE VARIETIES..	382	120	410	0	0	912	1.45
TOTAL LATE VARIETIES..	20,907	25,183	9,069	1,911	0	57,070	90.87
TOTAL.....	22,661	28,786	9,398	1,911	50	62,806	100.00
AGE GROUP AS % OF TOTAL.....	36.08	45.83	14.96	3.04	0.08	100.00	

TABLE 62 - APPLE TREES ON MM104 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
CORTLAND.....	0	90	0	0	0	90	8.99
GOLDEN DELICIOUS.....	0	0	0	200	0	200	19.98
IDARED.....	0	0	126	0	0	126	12.59
MCINTOSH.....	5	0	0	0	0	5	0.50
NORTHERN SPY.....	0	80	0	0	0	80	7.99
RED DELICIOUS.....	0	0	0	500	0	500	49.95
TOTAL LATE VARIETIES..	5	170	126	700	0	1,001	100.00
TOTAL.....	5	170	126	700	0	1,001	100.00
AGE GROUP AS % OF TOTAL.....	0.50	16.98	12.59	69.93	0.00	100.00	

TABLE 63 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
							TOTAL
EARLY MCINTOSH.....	0	186	50	36	0	272	1.00
JERSEYMAC.....	0	50	0	0	0	50	0.18
PAULARED.....	54	150	48	0	0	252	0.93
QUINTE.....	90	20	75	0	0	185	0.68
VISTA BELLA.....	54	50	75	0	0	179	0.66
OTHER EARLY VARIETIES.	0	0	160	0	0	160	0.59
TOTAL EARLY VARIETIES.	198	456	408	36	0	1,098	4.03
CORTLAND.....	248	222	0	17	0	487	1.79
GOLDEN DELICIOUS.....	615	540	0	220	0	1,375	5.05
GOLDEN RUSSET.....	73	196	0	13	0	282	1.04
EMPIRE.....	857	488	200	0	0	1,545	5.68
IDARED.....	1,427	1,280	575	0	0	3,282	12.06
MCINTOSH.....	683	1,217	2,475	2,149	0	6,524	23.97
MUTSU.....	604	330	343	0	0	1,277	4.69
NORTHERN SPY.....	260	156	144	38	0	598	2.20
RED DELICIOUS.....	171	1,948	3,578	2,364	0	8,061	29.61
R.I. GREENING.....	0	25	0	0	0	25	0.09
SPARTAN.....	357	671	1,420	0	0	2,448	9.99
OTHER LATE VARIETIES..	200	20	0	0	0	220	0.81
TOTAL LATE VARIETIES..	5,495	7,093	8,735	4,801	0	26,124	95.97
TOTAL.....	5,693	7,549	9,143	4,837	0	27,222	100.00
AGE GROUP AS % OF TOTAL.....	20.91	27.73	33.59	17.77	0.00	100.00	

TABLE 64 - APPLE TREES ON MM111 ROOTSTOCK BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
QUINTE.....	0	0	13	0	0	13	0.17
TOTAL EARLY VARIETIES.	0	0	13	0	0	13	0.17
CORTLAND.....	221	50	0	0	0	271	3.57
GOLDEN DELICIOUS.....	221	130	140	136	0	627	8.26
GOLDEN RUSSET.....	0	132	0	0	0	132	1.74
EMPIRE.....	0	0	36	0	0	36	0.47
IDARED.....	0	0	218	88	0	306	4.03
MCINTOSH.....	524	707	76	385	490	2,182	28.73
MUTSU.....	534	80	0	5	0	619	8.15
NORTHERN SPY.....	89	190	0	40	810	1,129	14.87
RED DELICIOUS.....	100	608	771	330	52	1,861	24.50
SPARTAN.....	0	0	5	100	0	105	1.38
OTHER LATE VARIETIES..	0	314	0	0	0	314	4.13
TOTAL LATE VARIETIES..	1,689	2,211	1,246	1,084	1,352	7,582	99.83
TOTAL.....	1,689	2,211	1,259	1,084	1,352	7,595	100.00
AGE GROUP AS % OF TOTAL.....	22.24	29.11	16.58	14.27	17.80	100.00	

TABLE 65 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, CENTRAL ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
OTHER EARLY VARIETIES.	594	479	156	181	158	1,568	28.96
TOTAL EARLY VARIETIES.	594	479	156	181	158	1,568	28.96
CORTLAND.....	0	0	0	0	30	30	0.55
GOLDEN DELICIOUS.....	30	0	0	10	0	40	0.74
IDARED.....	0	0	0	0	30	30	0.55
MCINTOSH.....	0	0	0	54	60	114	2.11
MUTSU.....	0	0	5	150	0	155	2.86
NORTHERN SPY.....	0	7	0	78	97	182	3.36
RED DELICIOUS.....	50	100	320	1,102	30	1,602	29.58
R.I. GREENING.....	0	0	1	30	30	61	1.13
SPARTAN.....	0	0	0	300	0	300	5.54
OTHER LATE VARIETIES..	630	518	10	101	74	1,333	24.62
TOTAL LATE VARIETIES..	710	625	336	1,825	351	3,847	71.04
TOTAL.....	1,304	1,104	492	2,006	509	5,415	100.00
AGE GROUP AS % OF TOTAL.....	24.08	20.39	9.09	37.05	9.40	100.00	

TABLE 66 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	1	7	17	3	10	38	0.17
JERSEYMAC.....	25	0	0	0	0	25	0.11
PAULARED.....	11	0	0	0	0	11	0.05
QUINTE.....	0	1	0	0	0	1	0.00
VISTA BELLA.....	25	0	0	0	0	25	0.11
OTHER EARLY VARIETIES..	56	0	466	120	0	642	2.81
TOTAL EARLY VARIETIES..	118	8	483	123	10	742	3.25
CORTLAND.....	3	18	73	426	2	522	2.28
GOLDEN DELICIOUS.....	119	176	17	768	0	1,080	4.73
GOLDEN RUSSET.....	1	3	0	76	0	80	0.35
EMPIRE.....	3	2	49	0	0	54	0.24
IDARED.....	215	12	80	250	0	557	2.44
MCINTOSH.....	5	70	3,296	3,846	22	7,239	31.68
MUTSU.....	166	30	0	0	0	196	0.86
NORTHERN SPY.....	14	63	4,564	434	38	5,113	22.38
RED DELICIOUS.....	323	81	3,011	1,908	0	5,323	23.30
R.I. GREENING.....	0	21	3	970	3	997	4.36
SPARTAN.....	30	4	86	40	0	160	0.70
OTHER LATE VARIETIES..	516	200	0	70	0	786	3.44
TOTAL LATE VARIETIES..	1,395	680	11,179	8,788	65	22,107	96.75
TOTAL.....	1,513	688	11,662	8,911	75	22,849	100.00
AGE GROUP AS % OF TOTAL.....	6.62	3.01	51.04	39.00	0.33	100.00	

TABLE 67 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	64	317	1,357	60	1,798	2.92
JERSEYMAC.....	383	409	0	120	0	912	1.48
PAULARED.....	325	495	44	214	0	1,078	1.75
QUINTE.....	0	87	164	900	0	1,151	1.87
VISTA BELLA.....	35	229	0	0	0	264	0.43
OTHER EARLY VARIETIES..	0	48	2	718	0	768	1.25
TOTAL EARLY VARIETIES..	743	1,332	527	3,309	60	5,971	9.69
CORTLAND.....	202	450	166	1,044	0	1,862	3.02
GOLDEN DELICIOUS.....	1,980	1,153	810	4,303	0	8,246	13.39
GOLDEN RUSSET.....	335	152	59	135	0	681	1.11
EMPIRE.....	1,050	857	163	0	0	2,070	3.36
IDARED.....	1,497	1,140	784	320	0	3,741	6.07
MCINTOSH.....	1,176	407	625	5,989	0	8,197	13.31
MUTSU.....	1,371	578	556	80	0	2,585	4.20
NORTHERN SPY.....	300	470	253	6,032	0	7,055	11.45
RED DELICIOUS.....	1,063	676	7,087	9,295	180	18,301	29.71
R.I. GREENING.....	350	20	744	0	0	1,114	1.81
SPARTAN.....	616	201	527	366	0	1,710	2.78
OTHER LATE VARIETIES..	0	15	0	50	0	65	0.11
TOTAL LATE VARIETIES..	9,940	6,119	11,774	27,614	180	55,627	90.31
TOTAL.....	10,683	7,451	12,301	30,923	240	61,598	100.00
AGE GROUP AS % OF TOTAL.....	17.34	12.10	19.97	50.20	0.39	100.00	

TABLE 68 - APPLE TREES ON M9 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	14	32	145	0	0	191	0.73
JERSEYMAC.....	0	250	16	0	0	266	1.02
PAULARED.....	10	0	0	0	0	10	0.04
QUINTE.....	10	0	20	0	0	30	0.12
VISTA BELLA.....	110	2	0	0	0	112	0.43
OTHER EARLY VARIETIES..	50	21	24	10	0	105	0.40
TOTAL EARLY VARIETIES..	194	305	205	10	0	714	2.74
CORTLAND.....	10	584	50	90	90	824	3.16
GOLDEN DELICIOUS.....	42	270	1,579	83	3	1,977	7.58
GOLDEN RUSSET.....	342	2	2	0	1	347	1.33
EMPIRE.....	326	144	0	0	0	470	1.80
IDARED.....	1,118	285	4	60	0	1,467	5.63
MCINTOSH.....	1,282	56	2,479	826	0	4,643	17.81
MUTSU.....	1,373	280	3	0	0	1,656	6.35
NORTHERN SPY.....	100	15	1,804	277	40	2,236	8.58
RED DELICIOUS.....	2,864	316	991	4,496	731	9,398	36.05
R.I. GREENING.....	2	52	12	0	0	66	0.25
SPARTAN.....	37	663	1,270	300	0	2,270	8.71
OTHER LATE VARIETIES..	0	0	0	4	0	4	0.02
TOTAL LATE VARIETIES..	7,496	2,667	8,194	6,136	865	25,358	97.26
TOTAL.....	7,690	2,972	8,399	6,146	865	26,072	100.00
AGE GROUP AS % OF TOTAL.....	29.50	11.40	32.21	23.57	3.32	100.00	

TABLE 69 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	785	370	78	0	10	1,243	0.60
JERSEYMAC.....	1,349	350	235	0	0	1,934	0.93
PAULARED.....	2,771	1,511	748	0	0	5,030	2.42
QUINTE.....	5	67	33	4	0	109	0.05
VISTA BELLA.....	2,322	701	54	0	0	3,077	1.48
OTHER EARLY VARIETIES..	427	620	301	0	0	1,348	0.65
TOTAL EARLY VARIETIES..	7,659	3,619	1,449	4	10	12,741	6.13
CORTLAND.....	4,196	3,004	619	14	0	7,833	3.77
GOLDEN DELICIOUS.....	10,441	8,347	1,486	1,100	750	22,124	10.64
GOLDEN RUSSET.....	1,642	1,007	337	0	75	3,061	1.47
EMPIRE.....	5,217	5,282	1,765	330	0	12,594	6.06
IDARED.....	6,873	9,491	1,080	149	0	17,593	8.46
MCINTOSH.....	9,739	6,809	13,752	1,376	15	31,691	15.24
MUTSU.....	7,406	6,710	569	0	30	14,715	7.08
NORTHERN SPY.....	2,339	2,613	10,410	870	39	16,271	7.83
RED DELICIOUS.....	21,294	12,617	16,559	4,241	5	54,716	26.32
R.I. GREENING.....	960	119	1,085	100	1	2,265	1.09
SPARTAN.....	3,193	3,056	1,728	1,346	100	9,423	4.53
OTHER LATE VARIETIES..	943	380	679	871	0	2,873	1.38
TOTAL LATE VARIETIES..	74,243	59,435	50,069	10,397	1,015	195,159	93.87
TOTAL.....	81,902	63,054	51,518	10,401	1,025	207,900	100.00
AGE GROUP AS % OF TOTAL.....	39.39	30.33	24.78	5.00	0.49	100.00	

TABLE 70 - APPLE TREES ON MM104 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	1	0	0	0	1	0.04
QUINTE.....	0	10	0	0	0	10	0.40
OTHER EARLY VARIETIES..	0	0	0	225	0	225	9.02
TOTAL EARLY VARIETIES..	0	11	0	225	0	236	9.46
CORTLAND.....	0	1	2	0	0	3	0.12
GOLDEN DELICIOUS.....	8	0	0	40	0	48	1.92
GOLDEN RUSSET.....	0	1	0	0	0	1	0.04
IDARED.....	0	0	256	39	0	295	11.82
MCINTOSH.....	0	0	0	1,080	0	1,080	43.29
MUTSU.....	0	130	0	0	0	130	5.21
NORTHERN SPY.....	0	0	6	78	0	84	3.37
RED DELICIOUS.....	16	173	317	85	0	591	23.69
SPARTAN.....	10	0	2	15	0	27	1.08
TOTAL LATE VARIETIES..	34	305	583	1,337	0	2,259	90.54
TOTAL.....	34	316	583	1,562	0	2,495	100.00
AGE GROUP AS % OF TOTAL.....	1.36	12.67	23.37	62.61	0.00	100.00	

TABLE 71 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	50	6	1,298	0	0	1,354	1.86
JERSEYMAC.....	665	0	128	0	0	793	1.09
PAULARED.....	615	326	0	0	0	941	1.29
QUINTE.....	0	120	1,780	0	0	1,900	2.60
VISTA BELLA.....	101	0	0	0	0	101	0.14
OTHER EARLY VARIETIES..	0	0	454	0	0	454	0.62
TOTAL EARLY VARIETIES..	1,431	452	3,660	0	0	5,543	7.59
CORTLAND.....	383	186	211	0	0	780	1.07
GOLDEN DELICIOUS.....	2,169	855	2,494	62	0	5,580	7.64
GOLDEN RUSSET.....	1,130	295	2,439	869	0	4,733	.48
EMPIRE.....	4,963	1,862	443	0	0	7,268	9.96
IDARED.....	6,132	1,213	713	480	4	8,542	11.70
MCINTOSH.....	4,025	1,864	1,226	185	0	7,300	10.00
MUTSU.....	5,741	626	350	0	0	6,717	9.20
NORTHERN SPY.....	696	994	164	395	0	2,249	3.08
RED DELICIOUS.....	2,065	3,956	11,275	2,130	261	19,687	26.97
R.I. GREENING.....	0	77	0	1,085	0	1,162	1.59
SPARTAN.....	143	78	1,487	1,464	0	3,172	4.35
OTHER LATE VARIETIES..	96	40	30	0	90	256	0.35
TOTAL LATE VARIETIES..	27,543	12,046	20,832	6,670	355	67,446	92.41
TOTAL.....	28,974	12,498	24,492	6,670	355	72,989	100.00
AGE GROUP AS % OF TOTAL.....	39.70	17.12	33.56	9.14	0.49	100.00	

TABLE 72 - APPLE TREES ON MM111 ROOTSTOCK BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
QUINTE.....	0	0	811	40	0	851	8.33
OTHER EARLY VARIETIES.	0	14	0	0	0	14	0.14
TOTAL EARLY VARIETIES.	0	14	811	40	0	865	8.46
CORTLAND.....	0	50	45	104	0	199	1.95
GOLDEN DELICIOUS.....	155	600	173	160	0	1,088	10.64
GOLDEN RUSSET.....	0	1	0	40	0	41	0.40
EMPIRE.....	0	10	0	0	0	10	0.10
IDARED.....	4	666	810	17	0	1,497	14.64
MCINTOSH.....	150	280	1,063	320	250	2,063	20.18
MUTSU.....	104	250	70	0	0	424	4.15
NORTHERN SPY.....	0	100	104	285	0	489	4.78
RED DELICIOUS.....	302	1,209	902	476	0	2,889	28.26
R.I. GREENING.....	120	0	0	1	0	121	1.18
SPARTAN.....	10	115	151	0	0	276	2.70
OTHER LATE VARIETIES..	210	0	0	50	0	260	2.54
TOTAL LATE VARIETIES..	1,055	3,281	3,318	1,453	250	9,357	91.54
TOTAL.....	1,055	3,295	4,129	1,493	250	10,222	100.00
AGE GROUP AS % OF TOTAL.....	10.32	32.23	40.39	14.61	2.45	100.00	

TABLE 73 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, NIAGARA DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	63	1	20	1	4	89	1.11
PAULARED.....	0	36	12	0	0	48	0.60
QUINTE.....	0	9	12	9	0	30	0.37
VISTA BELLA.....	0	67	10	0	0	77	0.96
OTHER EARLY VARIETIES.	284	99	638	668	70	1,759	21.96
TOTAL EARLY VARIETIES.	347	212	692	678	74	2,003	25.00
CORTLAND.....	0	5	16	10	135	166	2.07
GOLDEN DELICIOUS.....	527	288	16	44	13	888	11.08
GOLDEN RUSSET.....	52	9	0	10	2	73	0.91
EMPIRE.....	145	84	40	0	0	269	3.36
IDARED.....	46	614	16	0	0	676	8.44
MCINTOSH.....	357	100	0	0	191	648	8.09
MUTSU.....	90	66	2	0	0	158	1.97
NORTHERN SPY.....	0	0	0	0	683	683	8.53
RED DELICIOUS.....	450	724	182	157	102	1,615	20.16
R.I. GREENING.....	0	0	0	2	80	82	1.02
SPARTAN.....	10	39	30	8	0	87	1.09
OTHER LATE VARIETIES..	131	11	173	255	93	663	8.28
TOTAL LATE VARIETIES..	1,808	1,940	475	486	1,299	6,008	75.00
TOTAL.....	2,155	2,152	1,167	1,164	1,373	8,011	100.00
AGE GROUP AS % OF TOTAL.....	26.90	26.86	14.57	14.53	17.14	100.00	

TABLE 74 - APPLE TREES ON M2 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN
ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	5	8	1	70	0	84	0.32
PAULARED.....	0	228	69	0	0	297	1.12
QUINTE.....	0	0	51	11	0	62	0.23
VISTA BELLA.....	0	78	0	0	0	78	0.29
OTHER EARLY VARIETIES..	10	0	0	335	16	361	1.36
TOTAL EARLY VARIETIES..	15	314	121	416	16	882	3.33
CORTLAND.....	61	0	10	124	92	287	1.08
GOLDEN DELICIOUS.....	354	14	241	1,602	247	2,458	9.29
GOLDEN RUSSET.....	0	0	0	0	200	200	0.76
EMPIRE.....	22	0	0	0	80	102	0.39
IDARED.....	408	20	398	3,396	0	4,222	15.95
MCINTOSH.....	229	16	395	3,178	1,929	5,747	21.71
MUTSU.....	5	12	180	534	0	731	2.76
NORTHERN SPY.....	79	12	230	3,278	170	3,769	14.24
RED DELICIOUS.....	641	47	165	5,626	442	6,921	26.15
R.I. GREENING.....	0	0	1	30	6	37	0.14
SPARTAN.....	2	1	200	503	0	706	2.67
OTHER LATE VARIETIES..	0	120	0	249	40	409	1.55
TOTAL LATE VARIETIES..	1,801	242	1,820	18,520	3,206	25,589	96.67
TOTAL.....	1,816	556	1,941	18,936	3,222	26,471	100.00
AGE GROUP AS % OF TOTAL.....	6.86	2.10	7.33	71.53	12.17	100.00	

TABLE 75 - APPLE TREES ON M7 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN
ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	137	317	21	0	475	0.26
JERSEYMAC.....	726	74	36	89	0	925	0.51
PAULARED.....	1,478	730	442	296	0	2,946	1.63
QUINTE.....	94	24	249	228	0	595	0.33
VISTA BELLA.....	316	530	100	118	0	1,064	0.59
OTHER EARLY VARIETIES..	255	154	238	658	0	1,305	0.72
TOTAL EARLY VARIETIES..	2,869	1,649	1,382	1,410	0	7,310	4.04
CORTLAND.....	608	586	429	385	0	2,008	1.11
GOLDEN DELICIOUS.....	4,353	1,581	4,960	4,992	0	15,886	8.79
GOLDEN RUSSET.....	193	235	197	114	50	789	0.44
EMPIRE.....	9,914	5,522	1,248	327	0	17,011	9.41
IDARED.....	3,814	8,558	9,371	2,550	99	24,392	13.49
MCINTOSH.....	6,630	7,399	13,913	13,209	624	41,775	23.11
MUTSU.....	5,241	2,246	944	2,629	1	11,061	6.12
NORTHERN SPY.....	1,667	968	1,888	2,456	230	7,209	3.99
RED DELICIOUS.....	8,382	6,798	13,467	14,114	1,529	44,290	24.50
R.I. GREENING.....	43	5	0	100	0	148	0.08
SPARTAN.....	927	1,097	3,809	281	35	6,149	3.40
OTHER LATE VARIETIES..	1,847	130	9	748	12	2,746	1.52
TOTAL LATE VARIETIES..	43,619	35,125	50,235	41,905	2,580	173,464	95.96
TOTAL.....	46,488	36,774	51,617	43,315	2,580	180,774	100.00
AGE GROUP AS % OF TOTAL.....	25.72	20.34	28.55	23.96	1.43	100.00	

TABLE 76 - APPLE TREES M9 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	81	0	250	33	0	364	0.27
JERSEYMAC.....	200	0	0	0	0	200	0.15
PAULARED.....	550	106	0	0	0	656	0.48
QUINTE.....	0	20	424	0	0	444	0.32
VISTA BELLA.....	1,240	156	0	0	0	1,396	1.02
OTHER EARLY VARIETIES..	400	340	0	0	0	740	0.54
TOTAL EARLY VARIETIES..	2,471	622	674	33	0	3,800	2.77
CORTLAND.....	1,450	90	12	0	0	1,552	1.13
GOLDEN DELICIOUS.....	7,360	2,504	5,790	2,743	0	18,397	13.39
GOLDEN RUSSET.....	25	20	284	180	0	509	0.37
EMPIRE.....	8,541	2,165	230	0	0	10,936	7.96
IDARED.....	5,300	6,101	0	0	0	11,401	8.30
MCINTOSH.....	14,581	12,679	4,200	4,505	50	36,015	26.22
MUTSU.....	2,222	148	10	0	0	2,380	1.73
NORTHERN SPY.....	285	8,887	1,015	1,850	0	12,037	8.76
RED DELICIOUS.....	7,380	17,932	6,711	3,083	0	35,106	25.56
R.I. GREENING.....	0	13	1	0	0	14	0.01
SPARTAN.....	2,160	1,662	975	0	0	4,797	3.49
OTHER LATE VARIETIES..	50	353	0	0	0	403	0.29
TOTAL LATE VARIETIES..	49,354	52,554	19,228	12,361	50	133,547	97.23
TOTAL.....	51,825	53,176	19,902	12,394	50	137,347	100.00
AGE GROUP AS % OF TOTAL.....	37.73	38.72	14.49	9.02	0.04	100.00	

TABLE 77 - APPLE TREES ON M26 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	850	1,558	0	3	0	2,411	0.54
JERSEYMAC.....	1,159	1,929	466	0	20	3,574	0.79
PAULARED.....	3,202	2,553	242	268	46	6,311	1.40
QUINTE.....	70	659	993	1,054	0	2,776	0.62
VISTA BELLA.....	2,064	4,283	2,041	0	35	8,423	1.87
OTHER EARLY VARIETIES..	1,739	992	1,017	15	1	3,764	0.84
TOTAL EARLY VARIETIES..	9,084	11,974	4,759	1,340	102	27,259	6.05
CORTLAND.....	2,336	5,535	591	61	82	8,605	1.91
GOLDEN DELICIOUS.....	19,964	14,380	2,460	16	32	36,852	8.18
GOLDEN RUSSET.....	648	1,338	529	194	13	2,722	0.60
EMPIRE.....	33,882	25,118	3,013	63	40	62,616	13.90
IDARED.....	24,488	28,097	10,757	0	105	63,447	14.09
MCINTOSH.....	25,674	32,674	7,724	268	157	66,497	14.76
MUTSU.....	16,129	12,693	2,659	760	16	32,257	7.16
NORTHERN SPY.....	4,492	11,707	1,653	1,009	44	18,905	4.20
RED DELICIOUS.....	48,545	44,346	14,536	1,923	55	109,405	24.29
R.I. GREENING.....	121	52	710	0	6	889	0.20
SPARTAN.....	2,558	7,375	2,893	1,179	20	14,025	3.11
OTHER LATE VARIETIES..	3,528	1,824	1,351	87	137	6,927	1.54
TOTAL LATE VARIETIES..	182,365	185,139	48,876	6,060	707	423,147	93.95
TOTAL.....	191,449	197,113	53,635	7,400	809	450,406	100.00
AGE GROUP AS % OF TOTAL.....	42.51	43.76	11.91	1.64	0.18	100.00	

TABLE 78 - APPLE TREES ON MM104 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	28	0	84	0	112	1.32
JERSEYMAC.....	60	20	10	0	0	90	1.06
PAULARED.....	0	200	100	0	0	300	3.54
QUINTE.....	0	30	0	0	0	30	0.35
OTHER EARLY VARIETIES..	0	0	0	150	0	150	1.77
TOTAL EARLY VARIETIES..	60	278	110	234	0	682	8.05
GOLDEN DELICIOUS.....	7	40	0	531	0	578	6.82
EMPIRE.....	0	0	230	0	0	230	2.71
IDARED.....	200	0	60	1,279	20	1,559	18.39
MCINTOSH.....	0	0	25	403	0	428	5.05
MUTSU.....	85	55	0	0	0	140	1.65
NORTHERN SPY.....	75	350	0	0	0	425	5.01
RED DELICIOUS.....	0	1,460	755	2,108	0	4,323	51.00
SPARTAN.....	0	0	60	0	0	60	0.71
OTHER LATE VARIETIES..	0	8	0	44	0	52	0.61
TOTAL LATE VARIETIES..	367	1,913	1,130	4,365	20	7,795	91.95
TOTAL.....	427	2,191	1,240	4,599	20	8,477	100.00
AGE GROUP AS % OF TOTAL.....	5.04	25.85	14.63	54.25	0.24	100.00	

TABLE 79 - APPLE TREES ON MM106 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	8,344	864	248	307	0	9,763	1.89
JERSEYMAC.....	1,591	1,355	442	111	0	3,499	0.68
PAULARED.....	1,013	1,677	2,924	134	0	5,748	1.11
QUINTE.....	208	228	211	469	0	1,116	0.22
VISTA BELLA.....	565	911	655	0	0	2,131	0.41
OTHER EARLY VARIETIES..	318	525	1,051	262	0	2,156	0.42
TOTAL EARLY VARIETIES..	12,039	5,560	5,531	1,283	0	24,413	4.72
CORTLAND.....	1,586	706	762	404	0	3,458	67
GOLDEN DELICIOUS.....	32,619	4,560	2,505	3,017	0	42,701	8.26
GOLDEN RUSSET.....	404	1,000	281	177	0	1,862	0.36
EMPIRE.....	32,398	12,351	4,633	174	0	49,556	9.59
IDARED.....	52,857	17,417	11,002	1,831	0	83,107	16.08
MCINTOSH.....	75,163	24,307	21,678	10,598	10	131,756	25.50
MUTSU.....	7,443	1,133	2,515	789	0	11,880	2.30
NORTHERN SPY.....	1,861	5,439	7,348	6,072	4	20,724	4.01
RED DELICIOUS.....	55,668	25,441	31,922	12,649	7	125,687	24.33
R.I. GREENING.....	270	460	1,001	0	0	1,731	0.34
SPARTAN.....	2,156	1,513	4,374	1,010	0	9,053	1.75
OTHER LATE VARIETIES..	5,870	2,522	1,913	445	4	10,754	2.08
TOTAL LATE VARIETIES..	268,295	96,849	89,934	37,166	25	492,269	95.28
TOTAL.....	280,334	102,409	95,465	38,449	25	516,682	100.00
AGE GROUP AS % OF TOTAL.....	54.26	19.82	18.48	7.44	0.00	100.00	

TABLE 80 - APPLE TREES ON MM111 ROOTSTOCK BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
EARLY MCINTOSH.....	0	215	208	0	0	423	0.61
JERSEYMAC.....	587	185	111	0	0	883	1.27
PAULARED.....	610	452	417	0	0	1,479	2.13
QUINTE.....	2	40	41	142	0	225	0.32
VISTA BELLA.....	300	186	88	0	0	574	0.83
OTHER EARLY VARIETIES..	24	0	0	215	0	239	0.34
TOTAL EARLY VARIETIES..	1,523	1,078	865	357	0	3,823	5.51
CORTLAND.....	207	10	0	1	2	220	0.32
GOLDEN DELICIOUS.....	2,544	3,644	828	73	0	7,089	10.22
GOLDEN RUSSET.....	150	108	12	35	0	305	0.44
EMPIRE.....	3,610	1,770	127	0	0	5,507	7.94
IDARED.....	5,521	4,397	5,515	1,762	0	17,195	24.79
MCINTOSH.....	4,487	1,179	1,014	1,341	0	8,021	11.56
MUTSU.....	1,043	833	56	98	0	2,030	2.93
NORTHERN SPY.....	0	21	350	370	0	741	1.07
RED DELICIOUS.....	6,816	10,179	3,234	2,778	0	23,007	33.17
SPARTAN.....	40	50	145	35	0	270	0.39
OTHER LATE VARIETIES..	391	758	4	0	3	1,156	1.67
TOTAL LATE VARIETIES..	24,809	22,949	11,285	6,493	5	65,541	94.49
TOTAL.....	26,332	24,027	12,150	6,850	5	69,364	100.00
AGE GROUP AS % OF TOTAL.....	37.96	34.64	17.52	9.88	0.01	100.00	

TABLE 81 - APPLE TREES ON OTHER ROOTSTOCKS BY VARIETY AND AGE GROUP, SOUTHWESTERN ONTARIO DISTRICT, 1986

VARIETY	1 TO 5 YEARS	6 TO 10 YEARS	11 TO 16 YEARS	17 TO 30 YEARS	31 YEARS & OVER	TOTAL	VARIETY AS % OF TOTAL
OTHER EARLY VARIETIES..	1,265	1,125	174	462	318	3,344	21.25
TOTAL EARLY VARIETIES..	1,265	1,125	174	462	318	3,344	21.25
GOLDEN DELICIOUS.....	126	0	1,000	0	0	1,126	7.16
EMPIRE.....	240	1,000	0	0	0	1,240	7.88
IDARED.....	100	0	0	0	0	100	0.64
MCINTOSH.....	794	1,200	56	15	0	2,065	13.12
MUTSU.....	0	38	0	0	0	38	0.24
NORTHERN SPY.....	255	0	0	1	95	351	2.23
RED DELICIOUS.....	4	1,550	2,080	278	92	4,004	25.45
SPARTAN.....	1	150	0	0	0	151	0.96
OTHER LATE VARIETIES..	1,733	358	122	482	621	3,316	21.07
TOTAL LATE VARIETIES..	3,253	4,296	3,258	776	808	12,391	78.75
TOTAL.....	4,518	5,421	3,432	1,238	1,126	15,735	100.00
AGE GROUP AS % OF TOTAL.....	28.71	34.45	21.81	7.87	7.16	100.00	

